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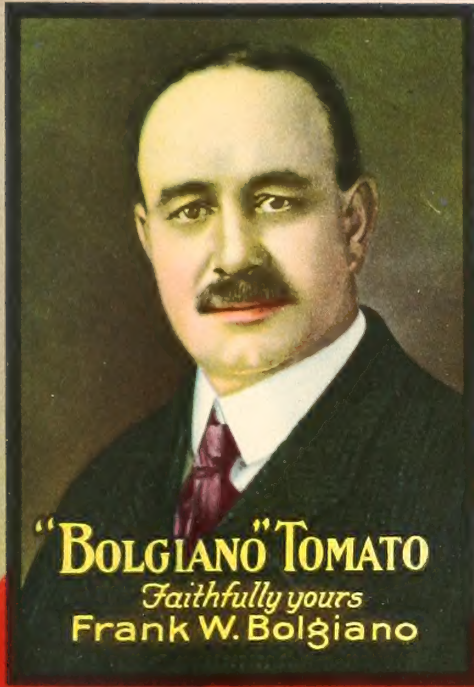
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Established 1889

Bolgianos's



CAPITOL CITY SEEDS



"BOLGIANO" TOMATO
Faithfully yours
Frank W. Bolgiano

1922 "Seed that Succeed"



EARLIER THAN
EARLIANA
DISTINCT VARIETY
YIELDS MORE
TO THE ACRE
THAN ANY
OTHER KIND



"BOLGIANO TOMATO"
THE QUEEN OF THE
TOMATO FAMILY

Deep red color. Smooth, very solid. Skin strong, stands long distant shipment. Acknowledged the most wonderful Tomato ever grown.

1/2 Oz. \$1.25 Oz. \$2.25
1/4 Lb. \$7.50 Lb. \$25.00 Postpaid

STECHER CO. ROCHESTER N.Y.

F.W.BOLGIANO & Co., 1009 B. Street N.W., WASHINGTON, D.C.

D.C.

Bolgian's "SELECTED" 1922 COLLECTION

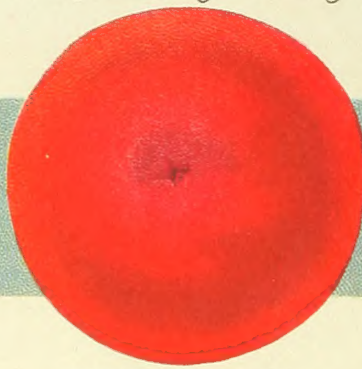
6 LARGE 10¢ PACKAGES FOR 50¢ POSTPAID

Pkt. 10c. Oz. 75c
¼ Lb. \$2.25. Lb. \$8.00
Postpaid

*The Re-Selected "John Baer" Tomato
Extremely Early. Larger Type.*



"JOHN BAER" TOMATO
BOLGIANO'S PERFECT TYPE



PERFECT BLOSSOM END
FREE FROM SCAR



PERFECT STEM END
FREE FROM CORE AND BLEMISHES

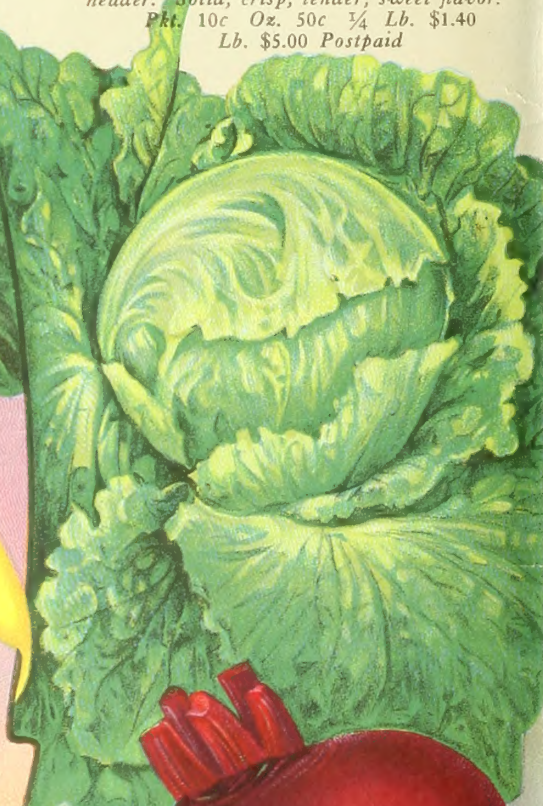
BOLGIANO'S "SQUARE DEAL" CABBAGE
*Solid, very early. Crisp, fine flavor. More
to the acre than any other sort.*
Pkt. 10c Oz. 30c ¼ Lb. 85c
Lb. \$3.00 Postpaid

BOLGIANO'S "MASTERPIECE" LETTUCE
*More used than any other variety. Sure
header. Solid, crisp, tender, sweet flavor.*
Pkt. 10c Oz. 50c ¼ Lb. \$1.40
Lb. \$5.00 Postpaid



BOLGIANO'S "NEW WAX"
STRINGLESS WAX BEAN
*Productive. Golden
yellow. Free from
rust.*

Pt. 30c Qt. 50c
Pk. \$2.50 Bu. \$9.00



BOLGIANO'S
SELECTED "EARLY FORTUNE" CUCUMBER
Dark green color. Early, crisp and tender.
Pkt. 10c Oz. 15c ¼ Lb. 30c
Lb. \$1.00 Postpaid



BOLGIANO'S
NEW "SUPERB" BEET
*Earliest. Smooth. Very tender. Deep red
color.*
Pkt. 10c Oz. 15c ¼ Lb. 30c
Lb. \$1.00 Postpaid

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100



F.W. BOLGIANO & Co.

IMPORTERS AND GROWERS OF
GARDEN, FARM AND FLOWER SEEDS
FERTILIZERS & FARMING IMPLEMENTS

OFFICE: 1009 B STREET, N. W.

Washington, D. C.

We give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once and the money that has been paid for same will be cheerfully refunded.

SPECIAL TOMATO PRICES

Since sending our catalog to the press we have decided to make a special concession to our customers living in and around Washington on Tomatoes. We have a stock of Tomato Seed which we know is excelled by none and we believe equalled by few in the entire United States. So we invite your early trade to take advantage of these splendid prices while our stock lasts, for when it is exhausted it cannot be replaced. Packets 5 and 10¢ each on all varieties except where noted.

	<u>RED TOMATOES</u>				
	Pkt.	$\frac{1}{2}$ Oz.	Oz.	$\frac{1}{4}$ lb.	Lb.
The Bolgiano Tomato	\$.25	\$1.25	\$2.25	\$7.50	\$25.00
Bolgiano's Capitol	.25	1.25	2.25	7.50	25.00
Bolgiano's Crimson Cropper	.10		1.50	5.00	15.00
Bolgiano's Glory	.10		1.50	5.00	15.00
Red Cross Blight Resistance	.10		.75	2.75	10.00

John Baer	<u>PINK TOMATOES</u>			Oz.	$\frac{1}{4}$ lb.	lb.
	Oz.	$\frac{1}{4}$ lb.	Lb.			
Earliana	.35	\$1.15	\$4.00	.35	1.15	4.00
Bonny Best	.35	1.00	3.00	.35	1.15	4.00
L.X.L. Bolgiano's Ex. Ey.	.40	1.25	4.50	.40	1.25	4.50
Prosperity	.45	1.35	5.00	.25	.75	2.50
Tropley	.35	1.15	4.00	.25	.75	2.50
Chalks Ey. Jewel	.35	1.15	4.00	.50	1.50	4.50
My Maryland	.50	1.65	6.00	.25	.75	2.50
Livingston's Favorite	.35	1.15	4.00	.25	.75	2.50
King of the Earlies	.40	1.25	4.50	.30	1.15	4.00
Livingstone's Paragon	.35	1.15	4.00	.35	1.15	4.00
Matchless	.30	1.00	3.50	.35	1.15	4.00
Selected Stone	.35	1.15	4.00	.35	1.15	4.00
Greater Baltimore	.30	1.00	3.50	.35	1.15	4.00
Florida Special	.40	1.25	4.50	.35	1.15	4.00
Kelly Red or Wade	.35	1.15	4.00	.35	1.15	4.00
Bolgiano's Best, Great B.	.35	1.15	4.00	.35	1.15	4.00
New Century	.35	1.15	4.00	.35	1.15	4.00
Red Rock	.25	.75	2.50			
Admiration	.35	1.15	4.00			
Success	.30	.75	2.50			

YELLOW & PRESERVING TOMATOES

Golden Queen	.35	1.15	4.00
Pear Shaped Yellow	.35	1.15	4.00
Plum Shaped Yellow	.35	1.15	4.00
Red Cherry	.35	1.15	4.00

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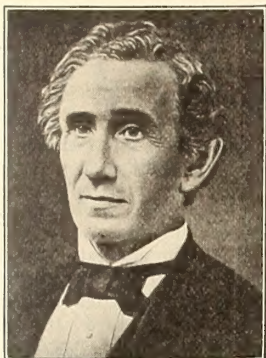
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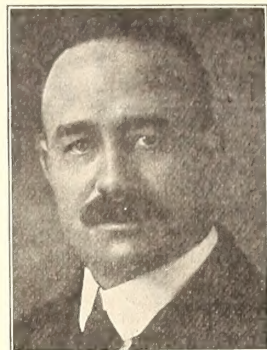
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JOHN BOLGIANO

Five Generations in the Seed Business

1818—1922



FRANK W. BOLGIANO
President

Dear Folks:

In no line of human endeavor is the accumulated experience acquired with the passing years of more value than in the growing and distributing of seeds. It was in 1818 that Samuel Ault, my great grandfather, made his first small beginning in the seed business. After him came John Bolgiano my grandfather and Joseph A. Bolgiano my father, all having one object in life, which was to make the house of Bolgiano the leaders in the seed business. Known from coast to coast, from north to south, in Europe, Africa, Asia and South America and the islands of the sea, the ambition of my forefathers has been realized.

During the war period, my fellow seedsmen urged me to accept the presidency of the American Seed Trade Association which I did for two years, feeling that this position was a patriotic duty to my Country. When other businesses were being regulated, the Department of Agriculture, seeing the vast importance of our business, were almost in constant conference with me to stimulate the production and conservation of food. I was requested to act for one dollar per year by the Secretary of Agriculture in an advisory position. Believe me when I tell you I had all of a man's job. The results speak for themselves.

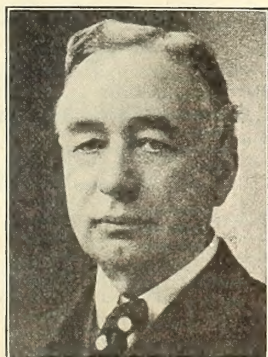
But I am not willing to stop there. I have devoted a life time to the work, starting as a boy on a farm and continuing through various trials and hardships until the present time, with but one idea always and ever present at all times, Bolgiano's "Seeds that Succeed." I have associated with me, men trained in every department as specialists so as to have their valued advice. Then, I have given my son Charles W. Bolgiano, a very special training for the future continuance of the large business already built up; starting at the public school, going to the Agriculture School of Cornell University, spending one season on the Experimental grounds of the Department of Agriculture and then four years on the largest Seed Farms of America, North, East and West.

It is this constant attention which has been spent for five generations and which continues on today with ever increasing vigilance, that recommends Bolgiano's "Seeds That Succeed" to truckers, market gardeners and home gardeners. Indeed it has not been the ambition of any Bolgiano to make money solely, but rather to select and grow for you the very best. For over one hundred years Grandfathers, Fathers and Sons have planted Bolgiano's seeds with the very best of success. It is with this record that we solicit your seed orders for 1922, and we assure you the same careful and prompt attention as if you were here in person giving your order over our counter.

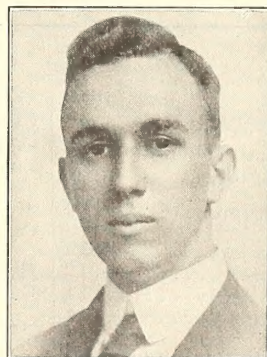
Cordially yours,

FRANK W. BOLGIANO,
or Mister B.

P. S.—The only members of the Bolgiano family
in the seed business are now located in
Washington.



JOSEPH BOLGIANO



CHAS. W. BOLGIANO
Vice-President

HOW TO ORDER

FREE DELIVERY. Packets, Ounces, Quarter-Pounds, or pounds, ordered at list prices, will be sent FREE by mail or express. This DOES NOT APPLY to Beans, Corn, Peas, Field and Grass Seeds and Seed Potatoes, which will be sent at regular Parcel Post or Express Rates. Orders for greater than one-pound lots will also be delivered at regular parcel post or express rates.

OUR TERMS are always cash with order, or satisfactory New York, Philadelphia, or Washington reference.

MONEY can be sent at our risk by Post-Office or Express Money Order, New York or Chicago Draft, or by registered letter. We cannot hold ourselves responsible for cash sent loose in letters.

AN ORDER BLANK for your convenience in placing your order will be found on the last page of this catalog.

NAME AND ADDRESS should be written plainly both on the Order Blank and on the envelope enclosing the order. Names of seeds and plants should be written out in full in plain writing.

EXPRESS or FREIGHT shipments should have the name of the station plainly given where different from the post-office.

GIVE FULL DIRECTIONS always whether shipment is made by freight, express or Parcel Post.

ORDER EARLY, for although we aim to fill all orders within twenty-four hours after receipt, unavoidable circumstances sometimes causes delay.

WE GUARANTEE our seeds, plants, etc., to reach our customer in good condition. We give no warranty, expressed or implied, as to description, purity of productiveness, or any other matter of any seeds, plants or bulbs we send out, and will not be in any way responsible for the crop. If purchaser does not accept the goods on these terms, they are to be returned to once, and the money that has been paid for same will be refunded. There are many reasons why seeds do not always turn out as desired such as sowing too deep or too shallow, in too wet weather, cold weather or too dry soil, or too wet soil, insects which do not only destroy the seeds, but often the young plants, about the time they appear at the surface of the ground. For these causes we cannot guarantee seeds or the crop.

We Will Pay War Tax on Parcel Post Packages. As a courtesy to our customers and as an appreciation of their trade, we will pay the new war tax on all Parcel Post packages ordered from us.

SIZE OF PARCEL THAT CAN BE SENT BY PARCEL POST

Size of package that can be sent by Parcel Post cannot be over 84 inches in length and girth combined.

The rate of postage on mailable parcels of seeds, cuttings, bulbs, roots and plants weighing 8 ounces or less, shall be 1c for each 2 ounces or fraction thereof, regardless of distance, and on those weighing more than 8 ounces the pound rates shown in table shall apply.

WEIGHTS BY PARCEL POST

Parcels up to 70 pounds can be sent by Parcel Post in the local, 1st, 2nd and 3rd zones, and up to 50 pounds in all other zones.

To points further than the 2nd zone on weight of over 10 pounds, the charge by freight or express is usually more economical.

United States Parcel Post Rates—Fourth-Class Matter

Seeds, Plants, Bulbs, Roots, Garden, Lawn and Poultry Supplies

RATE TABLE

	First Lb. or Fraction	Each addi- tional lb. or Fraction
Local Rate Washington and Suburbs only.....	5c	½c
First Zone within 50 miles of Washington, D. C.....	5c	1c
Second Zone within 150 miles of Washington, D. C.....	5c	1c
Third Zone within 300 miles of Washington, D. C.....	6c	2c
Fourth Zone within 600 miles of Washington, D. C.....	7c	4c
Fifth Zone within 1,000 miles of Washington, D. C.....	8c	6c
Sixth Zone within 1,400 miles of Washington, D. C.....	9c	8c
Seventh Zone within 1,800 miles of Washington, D. C.....	11c	10c
Eighth Zone all over 1,800 miles from Washington, D. C.....	12c	12c

INDEX

Page	Page	Page	Page	Page
VEGETABLES	Chicory 15	Mangel-Wurzel 11	Salsify 35	Dahlias 54-55
Special Collections .41	Collards 19	Mushroom Spawn ..26	Spinach 35	Summer Bulbs.....53
Specialties 3-6	Corn 18-19	Muskmelon 25	Squash 36	Sweet Peas 51-52
Asparagus 7	Corn Salad 15	Mustard 27	Swiss Chard 11	Vines 50
Beans 7-11	Cress 17	Onion 27	Tobacco 35	Zinnias 50
Beets 12	Cucumber 20	Okra 28	Tomato 37-39	ROSES, TREES, and
Bird Seeds 11	Egg Plant 21	Parsley 28	Turnip 40	SHRUBS 56-57
Brussels Sprouts ...11	Endive 19	Parsnip 28	Watermelon 26	FERTILIZERS 77
Cabbage 13-14	Herbs 40	Peas 29-30	FIELD SEEDS ..42-43	INSECTICIDES .78-79
Cabbage Plants....15	Kale 21	Pepper 31	FLOWERS 44-55	IMPLEMENTS .66-76
Carrots 16	Kohl Rabi.....21	Pumpkin 31	Collections 52	POULTRY
Cauliflower 15	Leek 24	Potatoes 32	Asters 44	SUPPLIES ..58-65
Celery 17	Lettuce 22-24	Radish 33-34	Nasturtiums 47	
		Rhubarb 34		

NOVELTIES AND SPECIALTIES



**An Enormous
Crop
Producer**



**Every Fruit
a Perfect
One**



Bolgiano's Capitol Tomato

In naming the New Tomato we could find no name that would better suggest its leadership.

Has now been tried out by tomato growers in every State in the Union, and many of the foreign countries. The reports we have received have been full of praise and appreciation of its wonderful good qualities. The color is a brilliant red fruit, firm, solid and meaty. Perfectly smooth. Ripens right up to the stem end. Almost as early as the Earliana. Free from core. Flavor mild. Produces heavy crops of fine fruit, when some of the other varieties are complete failures.

We urge you to mail us your order immediately. You will be delighted with your crop and receive big profits.

Pkt. 25 cts.; ½ oz. \$1.25; oz. \$2.25; ¼ lb. \$7.50; lb. \$25.00.

168. Bolgiano's Red Cross Tomato.

This Blight resisting Tomato proved to be the best resister from diseases that has been introduced for many years. We worked incessantly to develop and perfect this much-needed variety, and today thousands of tomato growers, market gardeners and home gardeners are unanimous in pronouncing the "Red Cross" a perfect, healthy, vigorous grower all during the season. Vines are just loaded with beautiful deep red solid tomatoes. Perfectly smooth, very small core, flavor mild and refreshing. No watery seed cavities, just a solid mass of meaty flesh. The strong vitality of the plant makes it a heavy yielder from early midsummer until late frost. Your harvest will be sure when planting the Red Cross tomato. Order immediately the seed you will need. **Pkt. 10 cts.; oz. 75 cts.; ¼ lb. \$2.75; lb. \$10.00.**

212. John Baer Tomato.

The best early tomato on earth when planted in good rich soil. We have been reselecting our seed from the originator's stock; its earliness and perfectness has been improved and the size is much larger. This perfect solid, meaty, brilliant red tomato has no cripples. No scar on blossom end. No cracks on the high crown stem end. Just one solid perfect fruit. John Baer tomato has a mild sweet flavor, the finest you have ever tasted. Our supply of seed this year is small. Let us have your order early. **Pkt. 10 cts.; oz. 75 cts.; ¼ lb. \$2.25; lb. \$8.00.**

67. Bolgiano's "Crimson Cropper" Tomato.

We are constantly bringing out better quality and types of vegetables for our customers and friends. We have in the "Crimson Cropper" succeeded in pleasing thousands of growers that have planted this tomato. Its many good qualities combined with earliness have made it a winner. The vigorous growth of vines protects the enormous crop of fruit from sun burns and scores. This large solid beautiful red tomato will please any grower. You must order early to obtain your supply of seed. **Pkt. 10 and 25 cts.; oz. \$1.50; ¼ lb. \$5.00; lb. \$15.00.**

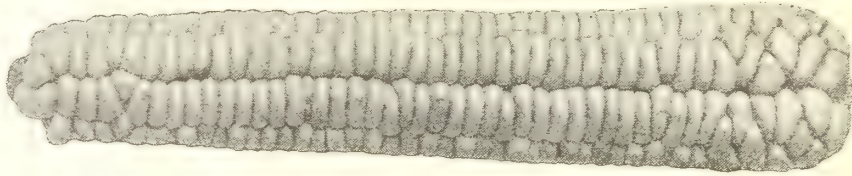
Bolgiano Tomato.

We accept no credit in the creating of this glorious Tomato. Nature with her wonderful activities has produced this wonder of the tomato family. Blossoms continually; every vine is just loaded with perfect red solid tomatoes all during the season. The Bolgiano Tomato is two weeks earlier than Earliana. First fruit just as perfect as the prime fruit of the season. The heavy potato leaf foliage protects the fruit from sun scalds and blisters. The large stem set clusters make it a profitable tomato for the grower. Never have we received such acknowledgments from any of our own creations as we have the "Bolgiano" tomato. Indeed it meets every requirement to make it the best market shipping and canning tomato that has been grown. You must order quick if you want some of this seed. **Pkt. 25 cts.; ½ oz. \$1.25; oz. \$2.25; ¼ lb. \$7.50; lb. \$25.00.**

Bolgiano's Glory Tomato.

Stands all weather and climate conditions better than most varieties, and has made many friends with the tomato growers, who speak in the following terms: "No tomato equal to it," "has great values for both market and canning," "outgrows and outsells any tomato on the market," "by far the best ever grown," "did best of all," "prefer it to all others," "lives and bears abundantly when other varieties die," "vines keep vigorous and bear beautiful solid red tomatoes until frost." We cannot say more for the Glory. The growers have given you its true value. Place your order at once for the seed you will need. **Pkt. 10 and 25 cts.; oz. \$1.50; ¼ lb. \$5.00; lb. \$15.00.**

NOVELTIES AND SPECIALTIES—Continued



Bolgiano's Extra Early "Harvester" Sugar Corn.

Bolgiano's Extra Early "Harvester" Sugar Corn.

This is the earliest white Sugar Corn that has ever been placed on the market. For many years the home gardeners have been anxious for a White Corn that would be as early and as sweet as the "Golden Bantam." Bolgiano's Extra Early "Harvester" Sugar Corn has been thoroughly tested and tried side by side with all other extra early varieties. It is several days earlier than the "Golden Bantam." Sweet flavor; ears larger and pure white in color. Can be grown in most any section of the United States; rapid grower, enormous yielder. It is a wonderful corn to grow for early home use. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.85; bushel, \$10.50.

Bolgiano's Extra Early Ideal Sweet Corn.

We have never put out any corn that has given more satisfaction to the market gardener than the "Ideal"; it meets his every demand. Extra early, large ears, 8 to 10 inches long; has a mild sweet flavor; very tender; vigorous grower, producing a wonderful crop of corn for the early market. Can be planted as early as the Extra Early Adams. Thousands of truckers and market gardeners are now using the "Ideal" for their early planting. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; peck, \$1.75; bushel, \$6.00.

94. Bolgiano's French Golden Self-Blanching Celery.

We have positively refused to sell any self-blanching celery except our French grown stock, which we know is superior in quality and the most economical to grow. It is a vigorous dwarf grower, compact and self-blanching to a very remarkable degree. Even the ribs become a handsome, fresh, clear yellow color, with a heart that is large and solid and of a beautiful rich golden yellow. Its crispness and tenderness and its rich nutty flavor makes it the leading variety in the market. We want you to see with your own eyes, in your own fields, that Bolgiano's French Golden Self-Blanching Celery is the best. Place your order at once. Pkt. 10 cts.; oz. 70 cts.; $\frac{1}{4}$ lb. \$2.25; lb. \$8.00.

185. Bolgiano's Easy Blanching Celery.

This splendid new variety excels in quality, in earliness, in quick blanching. Every stalk is solid, crisp, with shallow ribs and excellent flavor; the plant is medium height, vigorous grower, and blanches up with a beautiful golden heart. We advise celery growers to plant Bolgiano's Easy Blanching Celery. It is the longest keeping variety known. Will supply the Thanksgiving table, Christmas and all through the season. Send us your order for your full supply. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.15; lb. \$3.50.

131. Bolgiano's Early Fortune Cucumber.

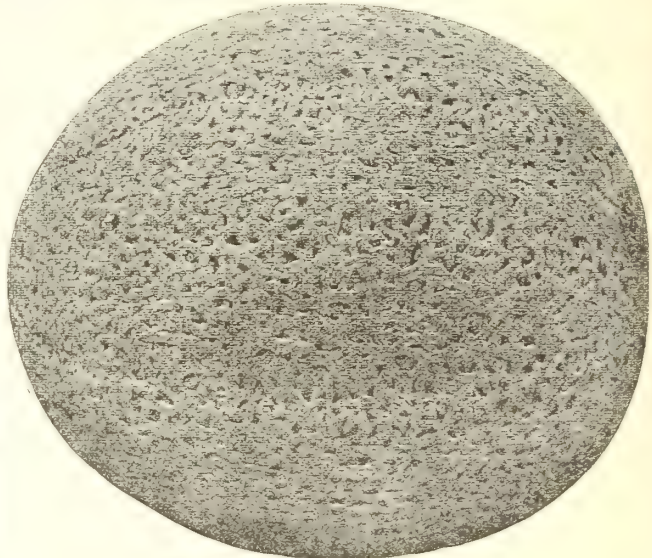
Is truly a Bolgiano introduction that has been tried and tested for more than ten years; each year it has proven to be the best early white spine cucumber the market gardeners and truckers could grow. The dark green color remains fresh looking for days after being harvested; flavor delicate and refreshing, entirely free from any bitterness; flesh fine grained and compact, crisp and brittle, an ideal slicing cucumber. As a shipper Early Fortune cannot be surpassed. Our stock is from the best selection. Let us supply you. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

73. Bolgiano's Arlington White Spine Cucumber.

Our selected stock of this famous cucumber is by far the best type that can be grown. We select seed from only perfect cucumbers. Dark, rich green color, uniform in size, firmness, considering every quality that is necessary to make a profitable cucumber for the growers. As a shipper it has few equals and is unsurpassed for home use. The Arlington White Spine is sure to make trade for the market gardener and trucker. We can supply all early orders. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

41. Sweet Air Cantaloupe.

This wonderful melon is the biggest money maker that was ever introduced. It is medium in size, thick green flesh with small seed cavities, delicious sweet flavor, perfectly tender; it fairly melts in your mouth. Just the kind market buyers and shippers will pay the highest prices for. Vigorous grower, vines keep green and produce big crops of beautiful netted melons. No culls. It will please the most critical grower. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.



Bolgiano's Unsurpassed Cantaloupe.

Bolgiano's Unsurpassed Cantaloupe.

This melon was originated in Colorado, the home of Cantaloupe growing, and has never been surpassed in quality by any other variety. The largest growers throughout the country have selected this melon for their main crop. It is a great money maker. As a shipper it is a wonder, stands long distance hauls, and is in perfect condition when shipped from California to New York. Packs 45 to the crate perfectly. "Solid netted, of a whitish gray color." The meat is a beautiful golden. Very thick flesh with extremely small seed cavities. Tender, a sweet pleasing flavor, one never to be forgotten. Vigorous grower, one of the best blight-resisters, producing large crops of even size melons, absolutely no culls. Be sure and give it a trial. Pkt. 5 and 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

NOVELTIES AND SPECIALTIES—Continued



New Victory Peas.

Bolgiano's New Victory Pea.

Market gardeners all over the country have been very anxious to obtain a large podded pea that would hold its deep green color several days after picking. Bolgiano's "Victory" Pea has all the good qualities that will meet every demand of the most critical grower and consumer. The healthy vines grow 48 inches high, producing enormous crops of beautiful large dark green pods, 5 to 6 inches long, filled with large green peas, tender, and the fine delicious flavor makes it a favorite with all growers. We unhesitatingly recommend the "Victory." You should place your order at once. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; peck, \$3.55; bushel, \$12.50.

Bolgiano's Earliest Springtime.

Is the earliest of all the round seed varieties. Can be planted the same time as Extra Early Alaska. The pods are 4 to 5 inches long. Peas nearly as large as the Gradus. It is truly a leader in earliness, in flavor, in size of pods, in productiveness of large pods filled full of large and most delicious peas. Its vigor and regularity in growth. Its qualities make it the superior pea for the market gardener, and the pleasure the home gardener antici-

pates in supplying his table with the first picking of the most delicious peas is quickly realized after planting the "Springtime." Order early to be certain of securing your supply. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; peck, \$3.50; bushel, \$12.00.

Bolgiano's "Early Bird" Pea.

This wonderful new semi-wrinkled dwarf variety can be planted as soon as the ground can be worked. They do not rot in the ground like fully wrinkled peas. The dwarf vigorous vines measure 18 inches and carry enormous crops of large beautiful deep green pods, 4 to 5 inches long, and are filled with 9 to 10 large blue marrow peas of fine flavor. Bolgiano's "Early Bird" Pea is a profitable variety for the market gardener. For the home gardener it is unsurpassed. Supply of seed is limited. Send your orders early. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; peck, \$3.50; bushel, \$12.50.

Bolgiano's Stringless Green Pod Bean.

This superior bean has been carefully selected and grown to satisfy the most critical grower. The long round fleshy pods, 5 to 6 inches long, are brittle and tender. Delicious flavor, absolutely stringless. Produces big crops of perfect green pod beans. It is indeed a great pleasure to offer you this wonderful bean. We know it will please you. Let us have your order early. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; pk. \$2.50; bus. \$9.

Bolgiano's New Wax Bean.

This new round meaty golden yellow bean is the finest we have ever introduced. The plant is of an erect bushy habit, 18 to 20 inches high. Pods are brittle, absolutely stringless, without fiber, free from rust and blight. Its tender and delicious flavor has attracted not only the market gardener but the home gardener as well. You cannot afford to miss planting some of these beans. Order immediately. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bushel, \$9.00.

45. Wonderful Early Spring Beet.

Has now been given a trial by all the leading market gardeners. They are wild in their praise of its wonderfully good qualities, and speak in the following terms: "Planted side by side with other varieties, same kind of land, pulled early spring, five days before any other," "best early beet known," "perfectly smooth and tender, delicious sweet flavor, first on the market." We are pleased in getting these reports and want you to profit in growing this beet. Pkt. 5 and 10 cts.; oz. 15 cts.; 1/4 lb. 45 cts.; lb. \$1.50.

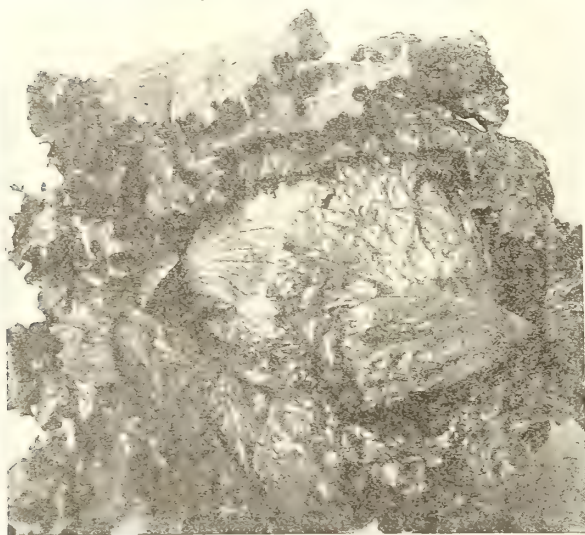
C57. Bolgiano's Extra Early Superb Beet.

A splendid new variety for market gardeners. The flesh is a rich dark blood red. Small tap root, perfectly smooth, crisp, tender and deliciously sweet. We can certainly recommend it with pleasure as being the most uniform in both color and shape, and it remains nice and tender to the last beet. If you wish to plant a good Beet, try it. Pkt. 5 and 10 cts.; oz. 15 cts.; 1/4 lb. 30 cts.; lb. \$1.00.

Bolgiano's New "Square Deal" Cabbage.

Without a single exception, Bolgiano's New "Square Deal" Cabbage is the Biggest Money Making Cabbage ever offered the American Trucker. This is a strong assertion—at least 100,000 people will read it, so you can readily see we could not afford to make such a statement unless we were sure of our ground. The "Square Deal" Cabbage matures immediately after New Leader Cabbage. It is absolutely a "Square Deal," as we have seen ten-acre fields without a single irregular head. The uniform heads are of excellent size for shipping, larger than the New Leader and yet not so large as to be unwieldy. The color is a fine fresh green and is retained during long shipments. For a fine Solid, Tender, Uniform, Early Flat Cabbage, Bolgiano's New "Square Deal" Cabbage challenges the world. Pkt. 5 and 10 cts.; oz. 25 cts.; 1/4 lb. 85 cts.; lb. \$3.00.

NOVELTIES AND SPECIALTIES—Continued



Bolgiano's Masterpiece Lettuce.

A225. Bolgiano's "Masterpiece" Lettuce. Market gardeners

and lettuce growers all over the country are now growing the "Masterpiece" for their late spring, summer and early fall crops. No matter how hot or how long it remains in the garden it will keep crisp, tender and sweet. No bitterness. It will not go to seed quickly. Sure header, can be grown in open ground after danger of frost is over, all during the summer and early fall. Never spots or turns dark in any part. Will stand shipping to any part of the United States and remain as crisp as ice. You will find it a profitable variety to grow. Send your order to us immediately. Pkt. 5 and 10 cts.; oz. 45 cts.; $\frac{1}{4}$ lb. \$1.35; lb. \$5.00.

58. Big Boston Lettuce, Bolgiano's Selected Stock.

This special and improved stock is superior in quality to any strain of the Big Boston. Many of the large lettuce growers, market gardeners and truckers are now placing their orders with us to cover their full requirements for 1922. It can be grown in the open ground for summer or fall, in frame for spring, or forced cool in green house for winter use, producing under each condition large buttery yellow heads filled with sweet, crisp, tender, beautiful, blanched leaves. Our stock of this famous lettuce is the finest in the world. Send us your order at once. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

A181. General Pershing Watermelon. Is the leader in quality of

all melons; produces wonderful crops of large, perfect, even size melons. The sparkling red flesh is as sweet as honey, just the pleasing flavor; it fairly melts in your mouth. It is entirely free from hard center and stringiness, yet the flesh is firm and compact; rind thin but tough; will stand long distance shipping better than any melon grown. The color of rind is a light pea green; ripens earlier than the Tom Watson for a home melon. You cannot find anything better; for a shipping melon it surpasses all others. We offer you the best quality seed that can be procured. Place your order early. Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.00.

Bolgiano's "Excell" Watermelons. Without a single exception the

"Excell" has positively proven in the last two or three years to be the best green rind melon that can be grown. The watermelon growers in the South claim they can grow more "Excell" for shipping to the acre than any other green melon. It possesses every quality that is desired by the grower and the consumer. Vigorous grower, vines keep green; deep red flesh, crisp, tender and sweet; splendid shipper. Indeed it is a profitable melon to grow. Our re-selecting has made it a great one. We want to supply you. Order immediately. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

Bolgiano's "Emerald Isle" Pole Lima Bean. Is the greatest

Pole Lima Bean nature has ever supplied. When we first saw it we knew it was a wonder and re-selected our stock until we have today the largest podded, largest seeded, heaviest yielder, and most perfect Pole Lima that is grown. The mammoth pods measure 7 to 8 $\frac{1}{4}$ inches long, and 1 $\frac{1}{2}$ to 2 inches in width. The vigorous growth of the vines will train rapidly over an arbor, and it is worth seeing the massive pods hanging in great clusters. You will really enjoy growing the "Emerald Isle"; it is early, fine flavor, and bears abundantly until killing frost. We want to supply you with our stock. Order at once. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; peck, \$3.50; bushel, \$12.00.

Bolgiano's "Enormous" Early Bush Lima Bean.

This wonderful improved bush lima has attracted the attention of the market gardener and home gardener. It is the earliest large bush lima ever introduced; yields continually from early June until killing frost. The plant grows upright about 30 inches high, producing great clusters of pods measuring 4 to 5 inches long, filled full of large thick beans; delicious flavor, thin skin and tender. This is a very profitable bean to grow. We can supply all early orders. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; peck, \$3.85; bus. \$14.50.

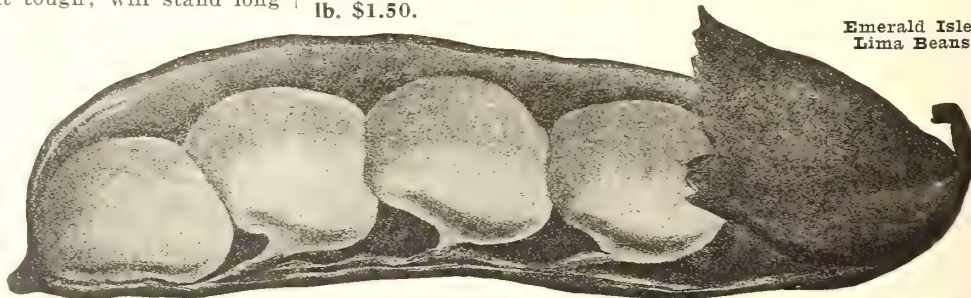
Bolgiano's Evergreen Pole Lima Bean. For several years we

have worked faithfully on a green seeded pole lima bean, and we offer you this year the "Evergreen" as the most perfect green bean that we have ever seen. The quality is unsurpassed, fine flavor; tender thin skin, and cooks quickly. Bears continually until frost. The yield is enormous, of large pods hanging in clusters, filled full of the most delicious beans. Really your home garden will not be complete without the "Evergreen," and it will surely be a profitable bean for the market gardener. We have a limited supply. Place your order at once. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; peck, \$3.75; bushel, \$14.00.

82. Farr's Benning White Bush Squash. The earliest

squash on the market. The color is a beautiful green tinted white, possessed by no other variety. Always the first to sell for fancy prices on the market. Tender and an excellent cooker. No fiber or hard substance. Enormously productive; fine flavor; growth is bushy with no runners. It is with satisfaction that we can continue to offer you this unrivalled squash. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

Emerald Isle
Lima Beans.



Bolgiano's Tested Vegetable Seeds

Seeds from the Best Market Gardener's Stocks and of Strong Germination

Money for postage must be included with all mail orders for beans.

ASPARAGUS

One ounce to 50 feet of drill; about 4 pounds to the acre.

CULTURE. Sow the seed thinly in rows 1 foot apart in April or May (4 or 5 pounds to the acre) and keep down all weeds. To secure strong, healthy plants, thin the seedlings to 3 or 4 inches in the rows, saving only the strongest. The one-year-old plants should be set out in spring in rich, sandy loam, dug 18 inches deep, into which has been worked a plenty of well-rotted manure. If a stiff clay soil is all that can be had, add a plenty of sand and sifted coal ashes to loosen it up, and also see that it is well underdrained. In planting for private use, set out in beds 5 feet wide 3 rows in a bed, the outer being each 1 foot from the edge, and allow 18 inches between rows, set the plants from 4 to 6 inches below the surface. If set out in autumn, top-dress with 6 inches of manure. For the market, on a large scale, set out 4 by 1½ feet. Every fall apply a good dressing of coarse manure, after the tops have been cut, and in spring fork in. Never cut too closely. The roots need the benefit of some foliage during the year, else they will weaken and die. Slugs are easily destroyed by applying air-slacked lime or Paris green.



Asparagus.

BEANS

One quart will plant 100 feet of drill; 1 to 2 bushels to acre.

CULTURE. About the first of May, if the ground is perfectly warm, select a warm, dry, sheltered spot; dig and manure slightly; make drills 2 inches deep and 18 inches to 2 feet apart; drop the beans 3 inches apart in the drills and cover not more than 2 inches deep. Hoe well in dry weather to keep down the weeds. Sow every two weeks for a succession. For mailing see Parcel Post Rates, opposite page 2. One quart weighs about 2 pounds.

Green Pod Bush

King of the Earliest Bean. The earliest and the hardiest of all green podded varieties. It may be planted from a week to ten days earlier than any other green bean, and is not liable to rot during cold wet weather. It produces freely straight long round light green pods. Equally as desirable for planting as a late crop. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; gallon, \$1.35; peck, \$2.40; bushel, \$8.50.

Bolgiano's Stringless Green Pod. A very superior strain, absolutely stringless heavy cropper. See description, page 5 in specialties. Pkt. 10c; pt. 25c; qt. 40c; pk. \$2.50; bus. \$9.00.

Bolgiano's "Mighty Nice." This wonderful new bean is an improved stock of the Thoroughbred Hopkins Earliest Red Valentine. We have made test side by side, and the "Mighty Nice" is by far the best bean. Pods round and meaty, delicious flavor, very tender, vigorous grower, producing big crops of salable beans. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; 4 qts. \$1.40; peck, \$2.50; bushel, \$9.00.

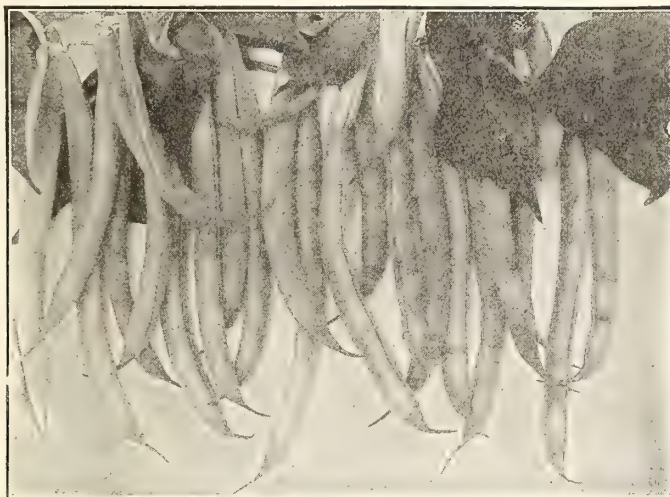
Bolgiano's May Queen.

When this new bean was first introduced it was evident it would soon become an indispensable variety; long straight finely shaped tender dark green pods makes it a wonderful shipper, which stands long distance; enormous yielder for both spring and fall planting. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bushel, \$9.00.

Bolgiano's Earliest Red Valentine. (Improved Round Podded Strain.) Our stock of this very superior bean has been carefully built up to satisfy a most critical market gardener's trade, which trade we cater to. It is ready for picking in 35 days from planting—earlier than the ordinary Red Valentine Beans. Pkt. 10c; pt. 25c; qt. 40c; peck, \$2.40; bus. (60 lbs.), \$8.50.

Burpee's Stringless Green Pod. There is no other variety so absolutely stringless and of uniformly good quality. Very early and prolific, pods are light green in color, round and of medium length. Has a long bearing season, making it very desirable for the small garden. Seed dark brown. Pkt. 10c; pt. 25c; qt. 40c; peck, \$2.50; bus. \$9.00.

Black Valentine. An extremely early, vigorous growing green podded variety, earlier than Red Valentine, very long and slender round pods of exceptional quality. As a variety for very early planting it stands cold and damp soil better than any other sort, absolutely rust proof, seed black. Pkt. 10c; pt. 25c; qt. 40c; peck, \$2.50; bus. \$9.00.



Bolgiano's King of the Early Beans.

Asparagus Roots

Plant either in spring or fall. By mail, 20 cts. per 100 extra.

		Per 12	100	1,000
Colossal.	2-year-old roots	\$.40	\$1.50	\$10.00
Palmetto.	2-year-old roots	.40	1.50	10.00
Columbian Mammoth White.		.40	1.50	10.00

ARTICHOKE

One ounce will produce about 500 plants.

CULTURE. Sow seeds in January in the greenhouse or in hot-beds in March. Transplant when large enough in rows 3 feet apart, 2 feet apart in the row. Cultivate when growing, freely, and protect the plants in winter by taking them in a cellar or in a cold frame, or they may be left outdoors protected by straw in a climate that is not too severe. Artichokes properly cared for last for several years.

26. Green Globe. Pkt. 5 and 10 cts.; oz. 75 cts.

BEANS—Green Podded Bush (Continued)

Bolgiano's "Emerald Beauty." Is a flat green podded bush bean. Prolific and continuous bearer from early spring until late fall, it is absolutely stringless, very tender delicious flavor. The rich green pods very uniform in shape, make the Emerald Beauty a fine market bean. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bushel, \$9.00.

"Giant Stringless" Green Pod. This is a great improvement on old-time popular favorite Valentine Beans. The pods are fully one-third longer, averaging 5 to 6 inches in length; absolutely stringless, very crisp, round, full and fleshy. It is enormously productive. We confidently recommend it either for the home garden or as a profitable variety to grow for market. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; 4 qts. \$1.40; peck, \$2.40; bushel, \$8.50.

Extra Early Refugee. A very early, green-podded variety, with medium-sized, green, fleshy pods; seed drab, freely spotted with dark purple. The vines are smaller and of more upright growth, and leaves a little longer than the Late Refugee. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.25; bus. \$8.

Longfellow. The handsome long round green pods are tender, brittle and stringless when young. Very early maturing variety, recommended for home and market. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.25; bus. \$8.00.

Early Bountiful. Almost a continuous bearer. The plants are of strong growth and produce abundantly stringless flat tender green pods. Very early. Pkt. 10 cts. pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bushel, \$9.00.

Refugee, or 1,000 to 1. A variety rather later than other green-podded varieties. Vines large, spreading, and very hardy; pods long and green, becoming white, streaked with purple as they mature. Seed yellowish; heavily splashed with bluish black. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bushel, \$9.00.

Dwarf Horticultural. Very productive, pods of medium length with splashes of red. Always stringless and desirable for cooking when young. The green shelled beans are of the finest quality. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.40; bushel, \$8.50.

Boston Pea, or White Navy. The most popular of all the so-called baking beans. Easily grown and very productive. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; peck, \$1.75; bushel, \$6.00.

Dwarf Wax Snap

During the past few years there has been a great improvement in the quality of wax-podded beans. The varieties we offer have all been grown from the finest selected strains and are bound to please the most critical planters. Culture directions same as given for the green-podded Bush Beans.

Bolgiano's New Wax. The pods are round and of a bright golden yellow. Very productive, bearing pods in clusters. The medium size, thick fleshed pods are about the size and shape of the Red Valentine. It is free from rust and stringiness. Pkt. 10c; pt. 25c; qt. 40c; peck, \$2.40; bushel, \$9.00.

Improved Rust-Proof Golden Wax. A greatly improved strain; more prolific and superior to the old golden wax. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bushel, \$9.00.

Bolgiano's Best Yet Wax. Among the finest of late introductions. The plant is of an erect and bushy habit, bearing heavily rich lemon yellow, flat pods, brittle and absolutely stringless. Their wonderful yielding qualities recommend them lightly to the home gardener, trucker and canner. You will fall quite in love with their tenderness and delicious flavor, and after growing them once, they will be assured of a permanent place in your garden. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.75; bushel, \$10.00.

Improved Stringless Refugee Wax. Decided improvement on old Refugee Wax; very desirable for canning. Pkt. 10 cts.; pt. 25 cts. qt. 40 cts.; peck, \$2.50; bushel, \$9.00.

Wardwell's Kidney Wax. Very hardy; more robust than any other wax bean; very heavy cropper; not liable to rust or blister. The flat pods are 5 inches long and of a rich golden-yellow. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bushel, \$9.00.

Pencil Pod Black Wax. This new bean has been most enthusiastically praised by all who have grown it. Its beautiful yellow pods are straight and from 5 to 7 inches long, well rounded, meaty and deep saddle-backed. They are always solid, brittle and entirely stringless. The plants grow 15 inches high with abundance of large, heavy foliage, under which will be found an enormous crop of straight, golden yellow pods. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bushel, \$9.00.



Bolgiano's Emerald Beauty Bean.



Bolgiano's New Wax.

BEANS

Dwarf Wax Snap (Continued)

Bolgiano's New Pearl Wax. Although grown through rainy weather, this bean shows no signs of rust or blight in the worst of weather. It is a sturdy grower with many long pods which though flat are plumper than others of its type, and stringless if picked early. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bushel, \$9.00.



Bolgiano's New Pearl Wax Bean.

Trucker's Reward Wax Bean.

This is a synonym for perfection with market gardeners and truckers. The many long flat white pods born on a plant are all so nearly perfect as to be almost unbelievable, and they have that exceptional quality of remaining fresh and crisp for a longer time than any other variety. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bushel, \$9.00.

Hodson Wax.

Produces a healthy growth of foliage, resists rust and blight, and is remarkably prolific, with long, straight, thick, handsome, light yellow flat pods. The pods are brittle and tender, of fine texture, and stringless if picked when young. Its remarkable productiveness makes it one of the best late or main crop wax beans for house or market garden. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.40; bushel, \$8.50.

Currie's Rust-Proof Wax. It is hardy and practically rust-proof. Pods grow long, flat, and are tender and of fine quality. Very early, productive and by far one of the best shipping beans on the market. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.40; bushel, \$8.50.

Davis Kidney Wax. A most popular variety where a hardy wax podded sort is desired. The straight flat pods measure 6 inches long, are of a rich golden yellow, and are tender and of fine flavor if used when the pods are young. Very productive; the white dried beans are desirable for winter use. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.40; bushel, \$9.00.

Sure Crop Stringless Wax. Very prolific and produces pods of the finest quality. The pods are almost round, slightly curved; measure about 7 inches long by 1/2 inch wide, and are always stringless; the meat is very thick. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.40; bushel, \$9.00.

Round Pod Kidney Wax. A strong growing mid-season variety, vigorously productive, having round pods about six inches long, slightly curved, light yellow, wax-like, stringless and of the very best quality. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.40; bushel, \$9.00.

THE COMPLETE VEGETABLE GARDEN
COLLECTIONS WILL SAVE YOU MONEY

See page 41.

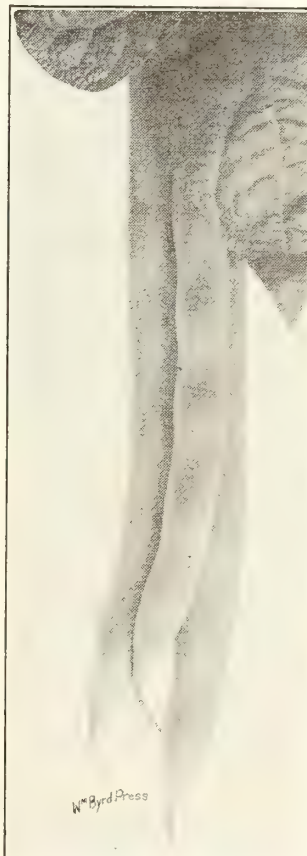
Climbing, or Pole Beans

Kentucky Wonder, or Old Homestead. This variety is one of the most desirable and earliest of all the green-podded running varieties. It is enormously productive, the pods hanging in great clusters from base to top of pole; are of a silvery-green color and entirely stringless; they cook deliciously tender and melting. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bushel, \$9.00.

Lazy Wife. One of the best for snaps of the later green podded pole beans. The numerous pods, borne in large clusters, are 5 to 7 inches long, broad, thick, fleshy, and entirely stringless. When young they have a rich, buttery flavor, which is retained until they are nearly ripe. The dry beans are excellent for winter use. Seed white. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.90; bushel, \$10.50.

Cherry Pole, or Horticultural. Vines moderately large, light colored leaves; pods short, pale green, but becomingly streaked with bright red; beans large, oval, splashed and spotted with wine-red, and of the highest quality either green or dry. Many people like them better than Limas. Adapted for cool locations and short seasons. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; gallon, \$1.40; peck, \$2.50; bushel, \$9.00.

Burger's Stringless Green Pod. White-seeded Kentucky Wonder. The pods average 6 to 8 inches in length, are uniformly straight, of a rich, dark green, and so meaty as to be really saddle-backed. The pods are as entirely stringless as the popular Stringless Green-Pod Bush Bean; they are equally tender and of similar sweet, mild flavor. The dry beans are pure white. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; gallon, \$1.60; peck, \$2.90; bushel, \$10.50.



Kentucky Wonder.

Golden Cluster. Extra strong in growth and very productive. The pods are of large size, 7 to 8 inches long by three-quarters of an inch wide. Although flat, the pods of a rich golden yellow, are stringless and of excellent flavor. The dry seeds are thick and pure white. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; peck, \$3.55; bushel, \$12.50.

White Creaseback or Best of All. The best early Stringless Green Podded Pole Bean. Productive. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.90; bushel, \$10.50.

Dutch Caseknife. Early, long, green, flat pods, white seed. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.90; bushel, \$10.50.

Scarlet Runner. In northern locations, where the summers are cool and short, this takes the place of the Large Lima Beans. Plants are of strong, quick growth, bearing large sprays of bright scarlet, pea-like flowers. When fully ripened, the dry beans are of bright scarlet, heavily blotched with purple. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; gallon, \$1.85

BEANS—Bush Lima

Bolgiano's Enormous Bush Lima. This wonderful Bush Lima is the earliest, largest and best of all bush limas; the vigorous bushes are crowded with enormous pods. The delicious green beans are larger than any other Lima Beans. It yields continuously from June until frost. Both the pods and the luscious flavored beans are much larger and considerably thicker than the large bush lima. The seed beans are greenish and very handsome, while the dried beans of the large bush limas are pure white. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; pk. \$3.85; bus. \$14.50.

Fordhook Bush Lima. The Fordhook produces a stiffly erect bush form of growth, and therefore the pods rarely come in contact with the soil, and thus are always clean in appearance. The stalks which produce the blossoms are immense, and pods are almost always borne in clusters of from 4 to 6. The well-filled pods contain from 4 to 6 thick, meaty beans. The shelled beans are of the Potato Lima type and are always of the finest flavor. Our seed has been grown from the finest selected stocks. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; peck, \$3.60; bushel, \$13.00.

Improved Large Bush Lima. This bean produces magnificent crops of pods, which measure from 5 to 6 inches long by $1\frac{1}{4}$ inches wide. As compared with the original Burpee Bush Lima, it is fully a week earlier, and both pods and beans are very much larger, while the beans, either green or dry, are nearly twice as thick. Pkt. 10 cts.; pt. 40 cts.; qt. 70 cts.; gallon, \$2.00; peck, \$3.00; bushel, \$13.00.

Large Bush Lima. Large pods, well filled with very large beans, which are identical in size and luscious flavor to the well-known large Pole Limas. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; peck, \$3.50; bushel, \$12.00.

Henderson's Bush Lima. It has merit in being productive and very early for family use, and where the trade demands a small-sized bean it has no superior. Makes a delicious dried bean for winter use. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; gallon, \$1.50; peck, \$2.75; bushel, \$10.00.

Wood's Prolific Bush Lima. An "Improved Henderson Bush Lima." Earlier than the Burpee's Bush Lima, but somewhat smaller in size of bean, making a larger growth than others; stems are loaded down with beans in great clusters. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.90; bushel, \$10.50.

Dreer's Bush Lima. An excellent variety that is very valuable to all on account of its productiveness. The beans grow close together in the pods, are thick, sweet and succulent. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; peck, \$3.85; bushel, \$14.50.

Pole Limas One qt. to 150 hills; 10 to 12 qts. to acre.
For Mailing see Parcel Post Rates.

CULTURE. Choose light soil and make small hills 3 feet apart, having previously spaded deeply and fertilized. Plant long pole 2 feet deep in the center of the hills. Allow 6 beans to each hill, covering them barely beneath the surface, their eyes downward. Do not allow more than 3 to climb a pole, but remove extra plants to hills where less than 3 have sprouted. The lima bean is very delicate, and often from slight causes fails to sprout. They should not be planted until the ground is warm.

Bolgiano's New Giant Podded Emerald Isle Pole Lima. Emerald Isle Pole Limas are the largest podded, largest seeded, heaviest cropper of all Limas. They are earlier, more prolific and much larger podded than the King of the Garden. The mammoth pods measure 7 to $8\frac{1}{4}$ inches in length and $1\frac{1}{2}$ to 2 inches in width, and are borne in great clusters. The vines branch or stool out from the main stalk close to the ground, each vine producing 10 to 15 lateral branches. Emerald Isle Pole Lima Beans continue to bear most abundantly until killed by frost. This is the most perfect Pole Lima Bean ever introduced. It grows green, it dries green, it stays green. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; 4 qts. \$2.00; peck, \$3.50; bushel, \$12.00.

Seibert's Early Lima. In earliness, ease of shelling, size, beauty and quality of the green beans, this variety leads all other early limas for either the home garden or market. The vines are vigorous and remarkably productive. Pods

are medium green, large, flat, about 5 inches long, moderately curved. The green shell beans are very large, very tender and of finest quality. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$3.00; bushel, \$11.00.

King of the Garden. Its vine has a luxurious growth, which abounds with large pods, often 6 to 8 inches long, and filled with 5 or 6 perfect beans to a pod. These beans in their green state are large and luscious, but when dry shrink to the ordinary size. It is large, early and prolific and unequalled in quality. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; 4 qts. \$1.75; peck, \$3.00; bushel, \$11.00.

Early Leviathan. One of the newer varieties and the best early variety in cultivation. Vine very tall and strong; pods long and borne in clusters; beans large and white. It is early, strong-growing and prolific. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.75; bushel, \$11.00.

Carpinteria Pole Lima. A most desirable pole lima for the home and market garden. The vines are strong growing and vigorous, producing an abundance of fine, large, medium green pods, 5 to 6 inches long, usually closely filled with four beans of largest size, much thicker than the average pole lima. The color is distinctive in having a decided greenish tint, an indication of very finest quality. Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; peck, \$2.75; bushel, \$11.00.

BEANS—Pole Limas (Continued)

Bolgiano's Evergreen Pole Lima. The finest variety ever introduced, bearing heavily, large, green tinted, meaty beans. See description, page 6. Pkt. 10 cts.; pt. 35 cts.; qt. 60 cts.; peck, \$3.75; bushel, \$14.00.

Improved Challenger. This is one of the leading standard early varieties that is very popular on account of its productiveness. The quality is exceedingly fine, the beans cooking rich and mealy. Although this is one of the leading varieties for the home or private gardeners, it has become very generally used by the market gardeners and truckers as well. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; peck, \$3.50; bushel, \$12.00.

Jersey Extra Early Lima. Is ten days to two weeks earlier than any other Pole Lima, except the Leviathan. The beans are exceptionally tender and delicious. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$3.00; bushel, \$11.00.

Carolina or Sieva. Very early and productive. Plump because very popular in the South. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$3.00; bushel, \$11.00.

MANGEL-WURZEL BEET For Cattle Feed

Four pounds to Acre.

97. Improved Sugar Beet. Large growing sort; rich in sugar, hardy and very productive. $\frac{1}{4}$ lb. 20 cts.; lb. 40 cts.

53. Golden Tankard Yellow-Flesh Mangel. Deep yellow-fleshed, of milk-producing quality. $\frac{1}{4}$ lb. 20 cts.; lb. 40 cts.

49. Giant Mangel-Wurzel. The heaviest cropper, of mammoth size; fine quality. $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

New Jumbo Mangel. For milch cows and cattle generally the New Jumbo Mangel has no equal. It is a milk-producer of the highest quality. $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

Golden Giant Intermediate. Root intermediate between the long and the globe-shaped. Flesh white, firm and sweet, much liked by cattle. $\frac{1}{4}$ lb. 20 cts.; lb. 40 cts.

Klein-Wanzle Bener Elite. This variety at the present time has probable a wider cultivation than any other Sugar Beet. While not as a rule equal to the Vilmorin in saccharine richness, it is considerably more productive. $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

Bird Seed

C58. Canary Seed. Lb. 15 cts. Postpaid.

C62. Bird Rape. Lb. 20 cts. Postpaid.

C60. Hemp. Lb. 15 cts. Postpaid.

Sunflower Seed. Lb. 15 cts. Postpaid.

BRUSSELS SPROUTS

Brussels Sprouts look very much like little heads of Cabbage, and growing closely on the stalk (see illustration) a single plant produces a great many from the ground level to the tip. The plants are very hardy and may remain outdoors during the winter in many locations. The quality and flavor of the sprouts are much improved by frost. Seed should be sown the same as it is customary to sow for late cabbage.

167. Perfection. Grows about 2½ feet high. Very productive. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. 2.50.

7. Paris Market. This is much dwarfer than the preceding and bears a large crop of handsome sprouts. Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.



Bolgiano's Evergreen Pole Lima Bean.

SWISS CHARD, or SPINACH BEET

The rapidly increasing popularity of this vegetable is well deserved, for not only do the leaves make splendid greens when cooked like Spinach, but the leaf stalks are particularly palatable if prepared in the same manner as Asparagus. The culture is the same as for Beets, and it can be grown throughout the entire summer.

145. Large Ribbed White

Produces broad white leaf stalks. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

Lucullus.

Plants growing 2 to 2½ feet tall with many creamy white curled leaves carried on broad, thick stalks. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.



Swiss Chard.

BEETS

1 ounce to 50 feet of drill;

5 to 6 pounds to the acre.

CULTURE. Our best seed is grown from selected transplanted roots and have given truckers and market gardeners, who appreciate a high standard of perfection, the utmost satisfaction. The soil best suited for beet culture is that which is rather light and well enriched. Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked. When the plants are large enough, thin out to stand 6 inches apart in rows; continue sowing for a succession as late as the middle of August. Keep well cultivated.

C57. Superb. (See illustration.) Has taken the lead among early turnip-shaped Beets entirely by superior merits of everything pertaining to a Beet to make a recognized leader. It is very early, indeed; it is 8 to 10 days ahead of any other early sort now offered. The shape is uniformly perfect, being entirely free from fibrous side roots, which are so objectionable; in fact, it is the smoothest Beet within our knowledge. The flesh is a rich, dark blood-red, tender, crisp, and deliciously sweet, besides having a very small top; is an ideal variety for bunching. Will produce a good crop inside of seven weeks from sowing. Is excellent as a forcing sort or as a main crop. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

45. Wonderful Early Spring. (See page 5.) Extra quick in maturing, small tap root, small tops, deep dark red color, fine-grained flesh; in fact, it is the best yet introduced for early market. Grown in hot beds, cold frames or open ground. Pkt. 5 and 10 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

Bolgiano's Deep Blood Beauty. Our long experience in the growing of Beets has shown this new strain of Beet to be the Best Extra Early Deep Blood Turnip Beet. Roots are globular and peculiarly smooth; color is of blood red, very crisp, tender, fine-grained and sweet, remaining so for a long time. We believe this excellent new stock will produce a crop more uniform in shape, color and quality than any Beet. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; 1 lb. 75 cts.

122. Edmands Blood Turnip. The flesh is deep blood-red in color and exceedingly sweet and tender in quality. It is round and smooth in shape and of good market size. It has a small top. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

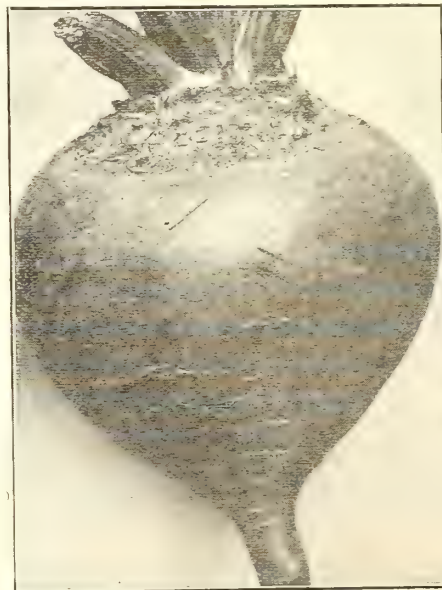
153. Half Long Blood. We recommend this beet to be of great value. Its roots are of an attractive shape, its flesh is dark red and very tender and sweet. As a fall and winter beet it has few equals. Pkt. 5 and 10 cts. oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 65 cts.

93. Extra Early Bassano. This Beet is sometimes called Philadelphia Sugar Beet. Root large, turnip shaped; come very early, and are very sweet and tender; flesh bright light red. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

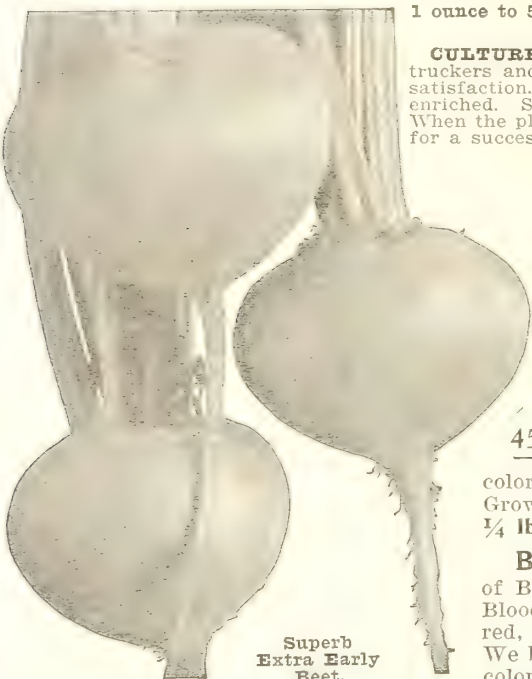
103. Detroit Dark Red Turnip. One of the best deep red Turnip Beets for market gardeners or home use. Its small upright-growing tops, early maturing, and fine globular shape and color of the roots make it very popular with every one who plants it. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

127. Bastian's Early Blood Turnip. A bright red medium early beet of very good quality for home or garden use. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 65 cts.

58. Long Smooth Blood. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.



Detroit Dark Red Turnip Beet.



Superb
Extra Early
Beet.

108. Bolgiano's Extra Early Eclipse. It is valuable for home gardens and indispensable for market gardens. It is remarkable for very rapid growth, the perfect flesh, and for its dwarf foliage. Roots bright, glossy red, very fine grained. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

142. Crimson Globe. This splendid new variety is a most valuable introduction. The color is most distinct, being of a rich, deep crimson; in shape uniformly a perfect globe; the skin is smooth and clean. It is early in maturing, and is proving specially desirable and profitable for market gardeners and truckers. Its attractive appearance, splendid flavor and other fine table qualities make it a favorite. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

125. Crosby Extra Early. A very superior strain of blood-red Egyptian, carefully selected for years by Mr. Crosby, a noted market gardener, whose aim was to secure a perfect forcing variety. The results obtained were handsome form, good size, few small tops, very small tap root, fine quality, and, above all, quick, rapid growth. The shape is very desirable, not flat like the ordinary Egyptian, nor so round as Eclipse. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

Extra Early Dark Red Egyptian. The best variety for forcing. Excellent for first early out-of-door crop, being the very first to produce. The roots are very dark and moderately thick and little rounded on top growing to a good average size. The flesh is dark purplish red, firm, crisp and tender. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

Lentz Extra Early. Color a deep blood red, tender and sweet at all stages of its growth. Has small top and can be used six weeks from sowing. Very productive, a splendid keeper and shipper. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

133. Dewing's Blood Turnip. Tops medium size and veins dark red; leaves green; roots dark red, turnip-shaped, with large top; flesh carmine red, zoned with lighter shade; tender, sweet and a very good keeper. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

CABBAGE

One ounce of seed produces about 2,500 plants. Four ounces will grow enough plants to set an acre.

CULTURE. For very early use sow in January or February in hotbeds; put out when the plants are strong enough into other hotbeds, or sow in cold frames in March; transplant, when danger from killing frost is past, to open ground in rows 2 feet apart and 18 inches in the row. For a succession sow in the open ground the last of March or early in April. The autumn and winter varieties sow in April or early in May, in shallow drills, 3 or 4 inches apart; transplant early in July in rows 2½ feet apart and 2 feet in the row. Cabbage succeeds best in fresh, rich soil, well manured and deeply dug or plowed.

Extra Early Varieties

80. Select Jersey Wakefield. Heads pointed at top, and plants produce but few outside leaves. Our seed has been most carefully selected. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50.

Big Winner Wakefield. No other cabbage of which we have knowledge has aroused such enthusiasm among cabbage growers as has our "Big Winner." It has the same general characteristics of other Wakefield Cabbages, the head being conical with a rounded or blunt point. It is, however, far superior to other strains of Wakefield Cabbage, being nearly double the size and better quality, and at the same time is fully as early. It has few outer leaves, permitting close plantings. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 80 cts.; lb. \$2.75.

105. Large Charleston Wakefield. True Long Island grown. About 5 to 10 days later than Early Jersey Wakefield; the heads are fully one-half larger and can easily be planted 20 inches in the rows. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50.

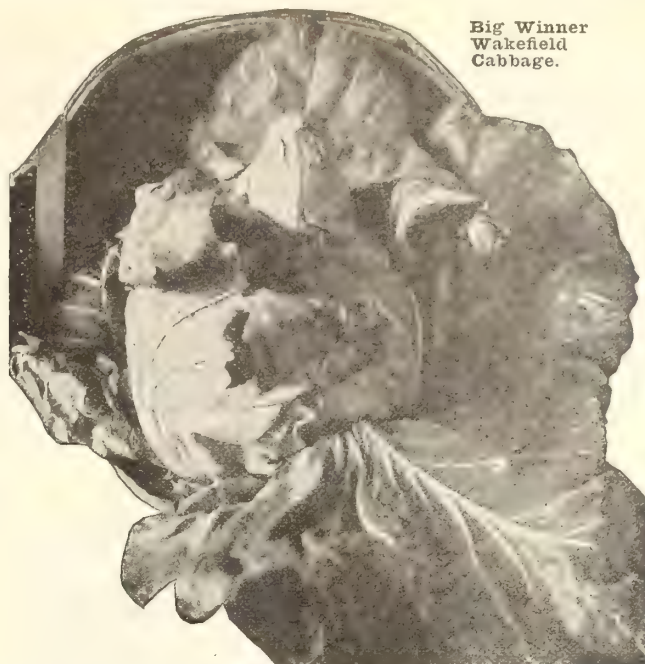
A80. Bolgiano's Early Large York. This is a very valuable early variety, and follows the Express in heading. The heads are round, heart-shaped, and very firm. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50.

Extra Early Express. This, the earliest of all cabbages, has produced marketable heads in 80 days from the sowing of the seed. It can be planted close and yields large, early, paying crops. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 80 cts.; lb. \$2.75.

New Leader. As early as Wakefield, yields 12,000 heads, one-third more per acre than any other extra early cabbage. The heads are compact and solid from the time a head is formed and keeps so until thoroughly matured, thus enabling extremely early cutting of small, hard heads, or later when the Wakefield comes in, of large, thoroughly matured, solid, round, flat heads. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 80 cts.; lb. \$2.75.



New Early Cabbage.



Big Winner
Wakefield
Cabbage.

213. Early Winnigstaet. A standard second-early variety; very hard heads. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50.

Early Varieties

Bolgiano's Early "Square Deal." For a fine, solid tender, uniform, early, flat cabbage, Bolgiano's "New Square Deal" Cabbage challenges all other types. The demand for a cabbage of this character led us, by the most rigid and careful selection during the past five years, to mature this cabbage, which we are confident will give all our friends and customers a "Square Deal" every time. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 85 cts.; lb. \$3.00.

210. Copenhagen Market. Undoubtedly the finest, large, round-headed early Cabbage. The heads average about 10 pounds each in weight, are very solid and of fine quality. It matures as early as Charleston Wakefield, and will give a heavier yield per acre than that well-known variety. The plant is short-stemmed, the leaves always tightly folded. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 85 cts.; lb. \$3.00.

223. Allhead Early. This famous Cabbage is considerably larger than Early Summer Cabbage that is equally as early. The deep flat heads are remarkably solid and the most uniform in color, form and size. The hard heads grow so free from spreading leaves that fully one thousand more heads than usual with large Cabbage can be obtained to the acre. It is really an all-the-year-round Cabbage, being equally good for winter if seed is sown about August. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50.

160. Bolgiano's Early Flat Dutch. The heads are large and solid. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50.

C21. Enkhuizen's Glory. This Cabbage from Holland is a good early sort making fine, large, tender and fine grained heads. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 85 cts.; lb. \$3.00.

117. Bolgiano's New Early. This is the finest, large, very early cabbage. Forms solid, compact heads, and the leaves grow close to the head, thus allowing many more cabbage to be grown on the acre than other sort. Its earliness is one of its remarkable features. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50.

CABBAGE—Early Varieties (Continued)

115. Succession. True American grown. Matures ten days later than Early Summer and larger in growth. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

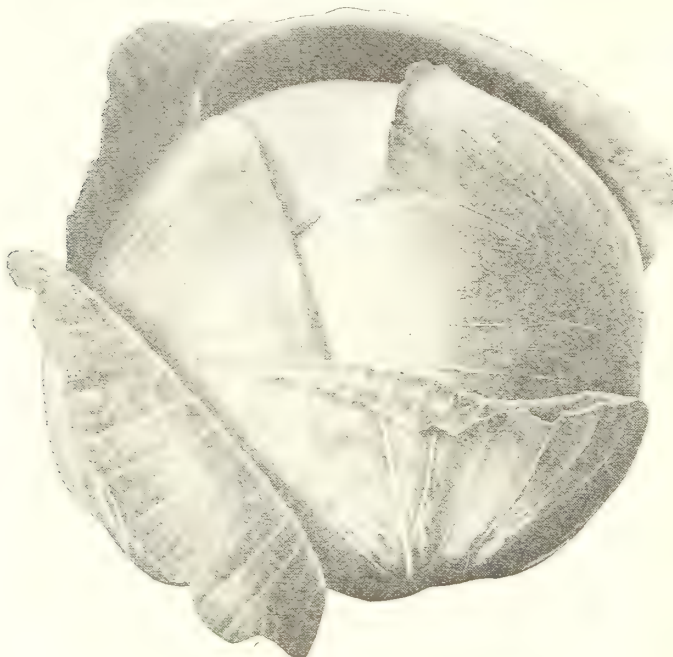
101. Improved Early Summer. A superior second-early sort; produces large and solid heads of finest quality;

popular in the South. Selected stock. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

43. All Season. Will do to plant at any season of the year, with assurance that the crop will be fine, large heads, and in every respect give satisfaction. It grows large. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

Late, Fall and Winter Varieties

The possibility of having green food during the snowy months is realized by growing fall cabbage and storing it for winter use. The varieties which we list below produce hard heads that will keep well when properly stored.



Extra Large Flat Dutch Cabbage.

89. Extra Large Flat Dutch. Fills a long-felt want of our Cabbage growers. They anxiously look for a variety which includes large size, solidity, uniformity, good keeping qualities and quick development, so that by planting later than was necessary with the old Flat Dutch they could avoid the cabbage worm and yet mature their crop. Matures in three weeks less time than the Late Flat Dutch. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

A89. Bolgiano's Superior Stock Large Late Drum-Head. This splendid Cabbage produces enormous heads and is an all-head Cabbage. Its good keeping quality makes it a first-class sort to carry over winter or for long distance shipping. Pkt. 5 and 10 cts. oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

192. Autumn King. The plant is of extra-strong growth with dark green leaves growing closely about the large flattened heads. In good soil it will produce heads of enormous size, but, of course, requires a longer season for growth than do the smaller varieties. Seed sown the first of June will produce fine heads in time to put away for the winter. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

The Lupton. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

Bolgiano's Ringleader. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.

206. Danish Roundhead. A late variety, but matures earlier than the Danish Ball Head. The heads are round and have a short stalk, and for solidity is ahead of all others. The interior leaves are pure white and of sweet flavor. It is a healthy variety and able to stand hot weather and resist disease. Danish grown. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.

124. Improved Perfection Drumhead Savoy (True American). There are many varieties of Savoy Cabbage, but there is one variety, "Bolgiano's Perfection," that surpasses them all for uniformity of heads, beauty of curl, extra large size and superior keeping qualities. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

129. Premium Flat Dutch. This is an old favorite and standard with many truckers and much improved by careful selection. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

C25. Volga. This variety is of recent introduction and has much merit, and makes large, round heads which are very solid. It is hardy and will do well in every section where Cabbage is grown. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

32. Mammoth Red Dutch. The largest red Cabbage and heads very solid, and is deep red color to the very center. No Cabbage is better for boiling or for slaw, and is beautiful red color specially fits it for pickling. Pkt. 5 and 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

Pe-Tsai, Chinese or Celery Cabbage

This Chinese vegetable has become very popular in many large cities. The Chinese Cabbage is very easily grown, and in fairly rich soil quickly produces handsome heads resembling Cos Lettuce. It is apt to bolt to seed during hot weather, therefore best results are obtained by sowing seed the latter part of the summer (August 1st to 15th) and having plants stand about 15 inches apart in the rows. Heads are easily blanched and may be used as a salad or boiled like cabbage. Plants are rather tender and will not stand frost.

C55. Pe-Tsai, Chinese or Celery Cabbage. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.



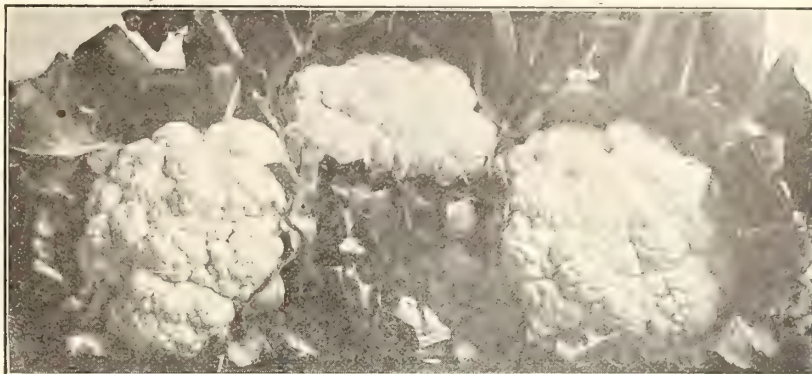
Pe-Tsai, or Chinese Cabbage.

CAULIFLOWER

One Ounce Will Produce
About 2000 Plants.

Cauliflower, although one of the most delicious vegetables, is but little grown except by professional gardeners because of the erroneous notion that it is so difficult to grow that only the skilled gardeners can produce it. Any one will be reasonably sure of success with this most desirable vegetable if the culture directions given below are carefully followed.

CULTURE. Sow the seed in a hotbed in January or February, and when the plants are large enough transplant three inches apart in boxes or in other hotbeds until time to plant out. If hardened off they are seldom injured by planting out as early as the ground can be properly prepared, 2½ feet apart each way. Keep them well hoed and bring the earth gradually up to their stems, watering freely in dry weather and especially when they begin to head. Cauliflower succeeds best when planted in frames at the close of winter and brought to maturity before the summer heat sets in. The late varieties mature in the autumn and are sown and managed similar to winter cabbage.



The Twentieth Century Cauliflower.

3. The Twentieth Century. Where other Cauliflower fails, gardeners should try this strain. The heads are all large, and every plant will make a head when the conditions are right. In Long Island, N. Y., this strain has given the best satisfaction. The heads are large, compact and white, weighing more than any other sort. The outside leaves are smaller than any other variety; for this reason it can be planted closer, thereby getting a greater number of heads to the acre. It is the earliest and makes big money for the grower. Pkt. 10 and 15 cts.; ½ oz. \$1.40; oz. \$2.25; ¼ lb. \$8.00.

33. The Success. Having received many inquiries for a satisfactory variety to produce heads late in the season, we were much pleased when our attention was called to The Success. With the introduction of The Success we feel many gardeners may now prolong their growing season. It forms firm large curds or heads, pure and white in color, and always solid and firm. Pkt. 10 and 15 cts.; ½ oz. \$1.25; oz. \$2.00; ¼ lb. \$7.50.

24. Early Snowball. Our seed this season is as usual from selected stock, and we go to the grower knowing that we give them seed that has been grown for us by the best grower in Europe. It grows dwarf, with large, white heads, and very early. Our sales have increased each year in the sale of Cauliflower, and we have spared no expense in perfecting this fine strain. We feel sure that if you once try this seed you will have no other, because it is the best. As a profitable crop there are few that equal it, and anyone who gets our seed should make a success and money. Good Cauliflowers always sell. Pkt. 10 and 15 cts.; ½ oz. \$1.25; oz. \$2.00; ¼ lb. \$7.50.

Danish Giant, or New Dry Weather Cauliflower.

Will produce splendid crops in very dry locations. Pkt. 10 and 15 cts.; ½ oz. 50 cts.; oz. 75 cts.; ¼ lb. \$2.70; lb. \$10.00.

Extra Early Dwarf Erfurt. A remarkably sure heading early Cauliflower. It is of dwarf habit with short outside leaves similar in most respects to Early Snowball, and nearly as early. The heads when ready for market are medium to large size. The curd is white, exceptionally deep and of finest quality. It will give excellent results either in the home garden or for market use. Pkt. 10 and 15 cts.; ½ oz. \$1.40; oz. \$2.25; ¼ lb. \$8.00.

166. Veitch's Autumn Giant. This is known on the Pacific Coast under the name of California Wonder. It is very late in maturing and heads or curds are not so well formed nor so tight as those of the earlier varieties. Pkt. 10 and 15 cts.; ½ oz. 50 cts.; oz. 75 cts.; ¼ lb. \$2.70; lb. \$10.00.

CHICORY

22. Witloof (French Endive). Witloof Chicory is used principally as a winter salad. The seed should be sown in the open ground not later than June. The plants form large parsnip shaped roots which are lifted in the fall, trimmed of leaves and stored in soil in a cool place until wanted for forcing. The roots can be forced in any warm cellar or room, requiring about one month to make edible sprouts. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.00.

CORN SALAD

One ounce will sow about 18 square feet and six pounds will sow an acre.

112. Broad Leaved (Large Seeded). Delicious salad used during the winter and spring months as a substitute for lettuce, and is also cooked and used like Spinach. Sow in spring in drills 1 foot apart. It will mature in six weeks. For early spring use sow in September and winter over like Spinach. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00.

FROST PROOF CABBAGE PLANTS

READY FOR IMMEDIATE DELIVERY

Mature Heads Two to Three Weeks Earlier Than Your Home Grown Plants—Will Double Your Profits.
EARLY JERSEY WAKEFIELD, CHARLESTON LARGE TYPE WAKEFIELD, SUCCESSION, EARLY FLAT DUTCH

Prices by parcel post, postage prepaid: 100 to 400 plants at 50 cts. per 100; 500 for \$1.75; 1,000 or more for \$3.25 per 1,000 plants.

Prices by express, buyer paying charges: 1,000 to 4,000 at \$2.25 per 1,000 plants; 5,000 to 8,000 at \$2 per 1,000. Plants are packed for parcel post shipment—100, 200, 300, 400, 500 or 1,000 plants to the package; for express shipment—1,000 or 2,000 plants to the package. Order only in these quantities. We pack only one variety to the package.

They weigh about 20 pounds per thousand plants, packed for shipment.

TERMS: Cash with order. No plants shipped C. O. D. We advise that you have all shipments of one thousand plants or less sent by parcel post. They make quicker time and are delivered direct to you by the mail carrier. On larger lots inquire of your express agent what the charges will be. To a great many points the parcel post rates are as low as express rates. When rates are near the same always order by parcel post, as time and service are better.

TABLE CARROTS

Arrange for an ample supply of Carrots, as they are highly nutritious, and if sowings are frequently made it is possible to maintain a supply of roots the year round.

CULTURE. Carrots, to grow to perfection, require a deep, rich, sandy loam, well pulverized and deeply cultivated. For an early crop sow in May and June in drills about 1 foot apart, thinning out to 4 inches in the row; sow for winter crop in June and July. It is very important to tread the rows firmly after sowing the seed.

177. Early Golden Ball, or French Forcing. A very desirable variety for forcing and also supplying early roots for open ground. The small round roots measure about 1½ inches in diameter, are smooth, tender and of good flavor. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00, postpaid.

87. Danver's Half Long
Orange. A handsome cylindrical-shaped carrot of good size. It is of rich, dark orange color, grows to a large size, is smooth and the flesh very close in texture, with little core. It is a first-class carrot for all soils, and it is claimed that under good cultivation it will yield the greatest weight per acre with the smallest length of root of any now grown. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

AC61. Chantenay, or Model. Broad stump roots measure 5 inches long and 3 inches in diameter at shoulder. Roots are smooth, flesh tender and fine grained; color deep orange. A most popular variety in all markets. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts., by mail postpaid.

134. Ox-Heart Selected Stock
A thick carrot, 5 inches long and very blunt at the lower extremity. It grows very rapidly and the roots attain a weight of more than a pound. It is tender, and of a deep red color, and is a variety we can recommend to all market gardeners.

Long Orange Carrot.
Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

161. Half Long Stump-Rooted Nantes Strain. One of the most popular sorts. The half-long roots measure 6 inches long by 1½ inches in diameter. Flesh tender and sweet; color rich orange. Pkt. 5c and 10c; oz. 15c; ¼ lb. 25c; lb. 75c.

A87. Half Long Pointed. A well-known strain; productive. Pkt. 5 and 10 cts.; oz. 15c; ¼ lb. 25c; lb. 75c.

AC5. Pride of the Market. This beautiful, medium size, pointed-root carrot is just what gardeners want for an early crop. In color, earliness, size, form and shape it excels all other sorts. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.

C61. Early Rubicon. A half long Orange, stump-rooted Carrot, of a beautiful, deep-red orange color. It is earlier than Danvers, about the same length, but heavier and thicker at the shoulder, making it more productive. It is a wonderfully heavy cropper, producing 3 to 4 tons to the acre under good culture. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

Three Ounces of Seed to 100 Yards;
Four Pounds to the Acre.

100. Nichol's Long Orange Improved. One of the most desirable either for garden or field culture. It grows to large size, fair specimens average 12 ins. in length and 3 inches in diameter at the top. All who have cattle should raise a surplus of this carrot for feeding milch cows during the winter. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

C5. Henderson's Intermediate. One of the best main crop carrots. It is noted for its smoothness of shape, its tenderness of flesh and beauty of color. It is free from any coarse, rank flavor. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

170. Early Scarlet, or Dutch Horn. An excellent table variety, for planting out of doors, with orange red roots about three inches long. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.

Early Sunbeam. Bolgiano's New, Extremely Early Carrot. This beautiful, delicious, exceptionally early forcing Carrot comes at the time of the year when new vegetables are most appreciated and enjoyed. Be sure to plant some. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.

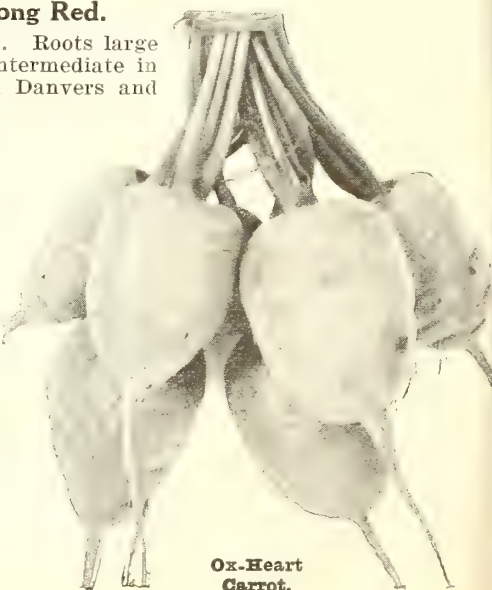
Scarlet Beauty Carrot. A handsome and prolific Carrot. Rich deep scarlet in color. In length, between Long and Half Long Orange. Very straight roots. Very little foliage for size of roots. Delicious flavor. Heavy yielder. Uniform size. Often 2½ to 3 inches at the top, and 10 to 12 inches long. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.

St. Valery, Long Red.
Color, orange-red. Roots large and handsome, intermediate in shape between Danvers and Long Orange. Pkt. 5 and 10c; oz. 15c; ¼ lb. 25c; lb. 75c.

Large, White Belgian Carrot.
Produces large roots 4 inches in diameter at the top and 10 ins. in length. It has a white skin and flesh. These Carrots are grown for feeding stock during the winter; they keep stock in fine condition. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c.



Danver's Half Long Carrot.



Ox-Heart Carrot.

CELERY

One Ounce Will Produce About 3000 Plants, and Sow About 200 Feet of Row.

CULTURE. Sow the last of March or early in April in an open border, in rich, mellow ground, in shallow drills, watering freely in dry weather. Cut the tops off once or twice before planting out to make them stocky. When the plants are 5 or 6 inches high transplant the dwarf varieties 5 feet and taller sorts 4 feet between rows; plant 6 inches apart in the row. Cultivate well, and when large enough blanch by earthing up. The first operation is that of "handling" generally done the beginning of September. After the soil has been drawn up with a hoe, it is drawn closer around each plant by hand to keep the leaves firm in an upright position and prevent spreading. When the plants have become "set" in an upright position and the celery is wanted for early use, they should be "banked."

94. French Golden Self-Blanching. This is the best early celery in cultivation. Since its introduction, in 1884, it has been steadily increasing in sales, until now it is the main early celery raised by market gardeners. The beautiful appearance of the plant, with its close habit, compact growth and straight, vigorous stalks, is faithfully shown in the illustration. The ribs are perfectly solid, crisp, brittle and of delicious flavor. It is self-blanching to a very remarkable degree, for without banking up or any covering whatever, even the outer ribs become a handsome, fresh, yellowish white color. The heart is large and solid and of a beautiful, rich, golden yellow color. Pkt. 5 and 10 cts.; oz. 60 cts.; $\frac{1}{4}$ lb. \$2.25; lb. \$8.00.

Golden Self-Blanching. American grown. Pkt. 5 and 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

185. Easy Blanching. This splendid new variety is dwarf and compact in habit; light-green foliage. It is very easily blanched and might be termed second early, following Golden Self-Blanching. For winter and spring use, it is a splendid keeper. The flavor is first class, while the stalks are pure white, heavy and crisp. Pkt. 5 and 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

71. White Plume. While very early and easy to blanch will not keep long after taken from the trenches. As the stalks become ready for use they take on a pure white, even though not earthed up. The hearts are better if the stalks are slightly earthed up. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75.

Bolgiano's Sweet Nut Celery. For home gardens and nearby markets Bolgiano's New Celery, "Sweet Nut," is the most delicious, sweet, nutty, crisp celery that has ever been offered to the public. It is absolutely solid, a most excellent winter keeper, of vigorous, sturdy growth, making fine, large, solid stalks, with a large, full, creamy-yellow heart. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75.

135. Bolgiano's Golden Heart. This is the old standard sort which has satisfied gardeners these many years. It is crisp, solid, handsome, the most excellent flavor, with a beautiful golden heart. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75.

C11. The Shumacher. The stalks of this splendid variety grow to an immense size, and are perfectly solid and crisp. It has a firm and beautiful golden heart, and the flavor is first class. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75.

46. Winter Queen. Beautiful in appearance, of close habit and compact growth, and blanches to an attractive cream white. Ribs perfectly solid, crisp, and of a delicious nutty flavor. Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

15. Giant Pascal. The stalks are very large, thick, solid, crisp and a rich nutty flavor, free from any taste of bitterness. Blanches very easily and quickly and retains its freshness a long time after being marketed. The heart is a golden yellow, very full and attractive. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

20. Boston Market. Forms a cluster of heads and should be blanched by earthing up. A popular market garden variety. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50.



Golden Self-Blanching Celery.

29. Hartwell's Perfection. Magnificent, large, golden-yellow heart, of superior quality, excellent winter market sort. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25.

67. Flavoring Celery. Cannot be used for growing purposes, but is an excellent spice for soups, salads, etc. 2 ozs. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

CELERIAC

(Turnip-Rooted Celery)

CULTURE. Sow the seed the same season as celery. Transplant young plants to moist, rich soil in rows 2 feet and 6 inches apart in the row.

23. Large Smooth Prague. A new and quite distinct sort, the roots being very smooth, large, round. Of a very distinctive flavor; roots may be boiled or used in flavoring other dishes. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75.

Giant French. Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

CRESS

CULTURE. Sow thickly in shallow drills every 2 or 3 weeks. It should be cut often, and it will continue to grow. It is useful not only for salad, but for the breakfast table and for garnishing. True Water Cress should be sown in damp soil; or if a stream of water can be utilized they will be much finer. They will also thrive well in damp hotbeds. Rightly managed, their culture is very profitable. To obtain early salad, it is a good plan to sow with Water Cress seed a strip 4 inches wide on the outer margin of a hotbed, inside the frame, where it is always cool.

21. True Water. It thrives when its roots and stems are submerged in water. It is one of the most delicious of small salads. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.15; lb. \$4.00.

215. Wild Garden. Largely used for pork salad; has a delicious pungent taste. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

Pepper Grass. The seed should be sown in drills about 16 inches apart on very rich ground, and the plants well cultivated. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 25c; lb. 75c.

ALL OF OUR CORN IS
EASTERN GROWN

SUGAR, or SWEET CORN

ALL OF OUR CORN IS
EASTERN GROWN



Extra Early Ideal Sweet Corn.

For mailing see
Parcel Post Rates on
page 2.

One quart weighs
about 2 pounds. One
quart to 200 hills; 8
to 10 quarts to the
acre.

Sweet Corn is un-
doubtedly one of the
most popular vegeta-
bles the world over. It
is a very simple mat-
ter to have a full sup-
ply of ears through-
out the entire grow-
ing season—make
sowings every two
weeks.

CULTURE. The Sweet
or Sugar varieties, be-
ing liable to rot in cold
or wet ground, should
not be planted before
May or until ground
has become warm; for
succession continue
planting every two
weeks until the middle
of July in rich, well-
manured ground, in
hills 3 feet apart each
way, covering about $\frac{1}{2}$
inch and thin out to 3
plants to a hill. The
extra early varieties
can be planted 18 in.
in a row and $2\frac{1}{2}$ feet
between rows.

Extra Early Varieties

Extra Early Ideal. The earliest, best, most profitable
corn ever introduced. Large ears,
sweet, delicious flavor, tender and extremely early. See also
page 4. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; gal. \$1.00;
peck, \$1.75; bushel, \$6.00.

Bolgiano's Extra Early Harvester. This is the best
Extra Early White
Sugar Corn that has ever been placed on the market. It is
several days earlier than the "Golden Bantam," sweeter
flavor, ears larger and pure white in color. It is a rapid
grower, medium in height, large yielder, 3 to 4 ears to the
stalk, 6 to 7 inches long. A wonderful corn for early home
use. See page 4. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.;
peck, \$2.85; bushel, \$10.50.

Bolgiano's New "Cream and Honey" Sweet Corn.
Extremely early, most delicious flavor, exceptionally fine
quality. Should be tried by every wide-awake market gar-
dener and in home garden where the "best" of everything is
enjoyed. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; peck,
\$1.75; bushel, \$6.00.

**California Golden Country
Gentleman Corn.** This is a won-
derful combination of "Cream and
Honey" Sugar Corn and the well-
known "Country Gentleman" Sugar
Corn. Could you possibly think of
anything more delicious than the
good points of these two corns com-
bined into one? Don't take chances
of forgetting it—send in your order
today certain. Pkt. 10c; pt. 25c;
qt. 40c; peck \$2.15; bushel \$7.50.

Golden Bantam. One of the sweetest corns grown. It
is a dwarf, medium early variety of exceptionally good qual-
ity. In all respects it is a gem—in size of plant, ear and
grain. It is particularly well adapted to small gardens on
account of its small size; to the more pretentious on account
of its excessive cropping ability on a given area, and to all
because of its superb quality and luscious satisfying flavor.
Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; gal. \$1.00; peck,
\$1.75; bushel, \$6.00.

Adams' Extra Early. Largely grown for early market.
Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; peck, \$1.60; bushel
\$5.50. Ears, 75 cts. per dozen.

Second Early Adams' Corn. Ears are all larger and
later than Adams' Extra Early. Pkt. 10 cts.; pt. 15 cts.;
qt. 25 cts.; peck, \$1.40; bushel, \$4.50. Ears, 75 cts. doz.

Premo. Extra early; very large ears; fine quality. Pkt.
10 cts.; pt. 15 cts.; qt. 25 cts.; gal. 70 cts.; peck \$1.60;
bushel, \$5.50.

Mammoth White Cory. Stalks grow four feet high,
generally bearing two large, finely shaped ears, fit for use
in about seventy days. Ears are twelve rowed, 6 to 7 inches
long, very symmetrical and handsome. Pkt. 10 cts.; pt. 15
cts.; qt. 25 cts.; 4 qts. 90 cts.; peck, \$1.60; bus. \$5.50.

Golden Evergreen. A splendid variety to follow Ban-
tam. The ears are larger and better filled. Pkt. 10 cts.;
pt. 25 cts.; qt. 40 cts.; gal. \$1.25; peck, \$2; bus. \$7.00.

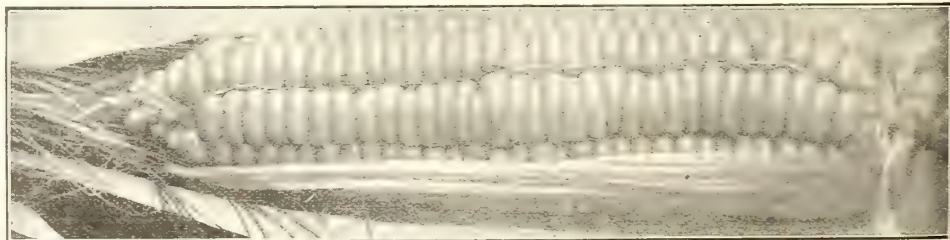
Howling Mob. This splendid flavored sweet corn grows
4 to 5 feet high, producing two good ears to the stalk, which
measures 7 to 9 inches in length. In season this corn ripens
about 4 to 6 days later than White Cory. Its unusual name
arose from the fact that the Market Gardener who origi-
nated this strain had so many people crowded about his
stand that it was really a mob calling loudly for his corn.
Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; pk. \$1.60; bus. \$5.50.

Second Early Varieties

Peep-o-Day. The two points of this remarkable Corn
are its extraordinary earliness and unparalleled sweetness.
So marked is its sweetness and delicacy of flavor that many
of our customers plant Peep-o-Day exclusively, arranging
the plantings a few days apart so as to have this delicious
Corn throughout the season. The stalks bear from 3 to 5
ears each, and the growth being dwarf—about 4 feet. Pkt.
10 cts.; pt. 20 cts.; qt. 35 cts.; gal. \$1.00; peck, \$1.75;
bushel, \$6.00.

Extra Early Evergreen. Ripens about 10 days earlier
and is equally as good. It is a splendid variety to come in
between the early and late sorts, and is destined to become
popular. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; gal. 90 cts.;
peck, \$1.60; bushel, \$5.50. Ears, \$1.00 per dozen.

Early Mammoth Sugar. Sweet, delicate flavor, produc-
ing a large ear and a small sized cob, which fills out to the
end perfectly. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.;
gallon, 90 cts.; peck, \$1.60; bushel, \$5.50.

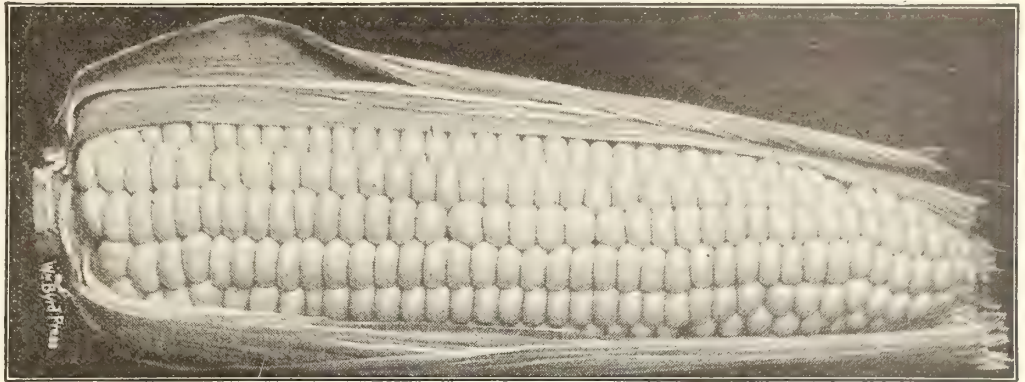


Golden Bantam.

GENERAL AND LATE CROP SUGAR CORN

Snow White Evergreen.

The most valuable sweet corn for main crop. It has the ideal qualities of the Stowell's Evergreen Corn, only it is pure white, making it the most desirable late corn for market and home gardeners. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; gal. 90 cts.; peck, \$1.60; bushel, \$5.50.



Stowell's Evergreen.

Stowell's Evergreen. This is not only the most celebrated, but the most popular of all the varieties, although not an early sort. It is, without exception, the best for table use of the entire lot, although quite late.

Some may observe they have tried it and found it not equal to the ordinary sugar. To such we say you have not had the pure stock, as no variety degenerates so quickly, unless the grower is exceedingly careful. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; gal. 85 cts.; peck, \$1.50; bushel, \$5.00. Ears, \$1.00 per dozen.

Shoe Peg, or Ne Plus Ultra. An old standard favorite, of fine flavor, deep grains, and good production. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; gal. \$1.00; peck, \$2.75; bushel, \$7.00.

Late Mammoth. A late sort on account of its immense size, producing the largest ears of any variety. These measure up to 14 inches in length, and are well filled with large, broad, white kernels, which are sweet, tender and delicious. Usually there are 16 to 18 rows to the ear. The stalks are very large, about 8 feet high, and productive. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; 4 qts. \$1.00; peck \$2.00; bushel \$6.00. Ears, \$1.00 per dozen.

Money for postage must be included with all mail orders for Corn unless shipped by express.

ENDIVE

One Ounce Will Sow
150 Feet of Row.



Green
Curled
Endive.

Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July. Plant one foot apart each way. When the plant has attained its full size gather up the leaves and tie them by their tips in a conical form. This excludes the light and air from the inner leaves until blanched.

Country Gentleman. The deep shoe-peg kernels are placed irregularly, but compactly, upon the cob. It is very prolific, generally bearing 3 to 5 ears to the stalk, and matures a little before Stowell's Evergreen, being sweeter and more sugary to the taste even than that well known standard of quality. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; gal. \$1.00; peck, \$1.75; bushel, \$6.00. Ears, \$1.25 per doz.

Hickox Improved. Handsome ears, very white and of very rich flavor. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; peck, \$1.60; bushel, \$5.50.

Black Mexican Sugar. Very sweet and tender when ready for table; grain is black. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; gallon, \$1.25; peck, \$2.00; bushel, \$7.00.

202. Rice Pop Corn for Popping or Seed. A very handsome variety; ears short; kernels long, pointed; very prolific; no variety of pop corn is superior to this for popping. 15 cts. per lb.; if by mail, 20 cts. per lb., postpaid.

43. Green Curled. Self-blanching. The best in cultivation. Much more beautiful and ornamental than the old sort. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.

162. White Curled. As the color of the leaves is a light golden yellow, little or no blanching is required. Very easily grown, and plants may be gathered for use at any time. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.25.

C37. Escarole, or Broad-Leaved Batavian. Leaves pale green; requires very little blanching. More productive than green curled. Forms large heads of broad thick leaves. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00.

COLLARDS

A great many people look upon the lowly collard, or "Georgia Cabbage," as some jokingly refer to it, as something not worth while growing. Now there are thousands of collard patches scattered over the South, and most Southern people like them. The collard is an old-time favorite, adapted to all parts of the South, and as a producer of "greens" for boiling in winter and spring it has no equal. It will pay you to have a collard patch just to give your cows an occasional taste of "green stuff." Sow any time up to September 1st.

C50. Southern, or Georgia. This variety is the old-time favorite. Stands all sorts of adverse conditions without injury. It is very hardy, standing winters as far north as Atlanta. In many places where the soil is too poor to grow cabbage, the collard grows easily and makes a good substitute for cabbage. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 50 cts.

One Ounce
to Fifty Hills.

CULTURE OF CUCUMBER

For early cucumbers sow the first of April in a hotbed upon pieces of sod (grass side down); so that they can be readily transplanted to the open ground in rich soil when danger of frost is over or protect by hand glasses. For early use plant if weather has become settled and warm, in drills about four feet apart each way; thin out to four of the strongest plants to each hill after all danger from insects is over; they succeed best in warm moist, rich, loamy soil; continue planting at intervals for a succession. The cucumber should be gathered when large enough for use, whether required or not; if left to ripen it destroys the productiveness. For pickles, plant from June until the middle of July.

Bolgio's Early Fortune.

By far the earliest and best cucumber for table, market or shipping purposes. In color, Early Fortune is rich, attractive, deep green, which is retained during a much longer period of growth than any other variety. Its form is so regular and the size of all the fruits so nearly the same that growers marvel at the purity and trueness of her stalk. The flavor is delicately refreshing, entirely free from bitterness, exceedingly crisp and brittle, making it an ideal slicing cucumber. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

Bolgio's Crystal Springs Cucumber. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

Bolgio's Prosperity. Intense, rich, deep green color retained longer than any other cucumber; the flesh sparkling white. The earliest white spine cucumber. Most refreshing and delightful flavor. Uniformly large, symmetrical fruit. Bears no culls. Vines are vigorous, healthy and mildew-proof. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

73. Arlington White Spine. Our selected strain of this famous cucumber is by far the best type on this or any other market. We have this season grown only from seed produced from cucumbers that were simply perfect in every respect. Dark, rich green color and holding its color long after other sorts have gone yellow and become unsuited for the market. A crop of our stock of Arlington White Spine is sure to make trade for any market garden, and for home use it surpasses all other kinds. As a shipper it has few equals. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

109. Davis Perfect. Davis Perfect Cucumber resembles a hot-house cucumber so closely that it is difficult for some dealers to tell the difference. Equally good for hot-house or outdoor culture. It is ideal in shape, rich, dark green color, uniform and regular in size. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

CUCUMBER

Two Pounds
Plants One Acre.

Bolgio's Prosperity Cucumber.

186. Klondike. This valuable variety is one of the best for slicing, and will produce cucumbers similar in appearance to the hot-house grown specimen. The color is rich dark green, and the fruits grow to a uniform size, measuring about 7 inches in length and 2 inches thick when in good condition for use. It matures early. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

86. White Spine Extra Early. An extra-early strain of the popular White Spine. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

A86. Evergreen. Very early and prolific; deep green color. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

Henderson's Perfection White Spine. This cucumber is very much the same type as the Early Fortune. Has great quantities of extra fancy dark green fruit. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

The Wonderful New Lemon Cucumber. We are safe to predict that the Lemon Cucumber will become a great favorite as a table delicacy. It is an excellent shipper, and pickled as a gherkin it is delicious. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

156. Long Green. It is vigorous and productive. The mature fruit is almost 12 inches long. The skin is a deep green, and the flesh is solid, crisp and of fine quality. Especially recommended for pickling. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

Early Green Cluster Cucumber. This is an extra early pickling or frame variety, being the earliest cucumber of practical use. They will produce fruits ten days earlier than the earliest slicing varieties. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 90 cts.

Early Frame, or Early Short Green. Desirable for producing pickles of medium size and fine quality. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

Japanese Climbing. Used as a beautiful vine and also for its fruit. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

107. Jersey Pickle. Fine green color. Used for pickling almost entirely. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 90 cts.

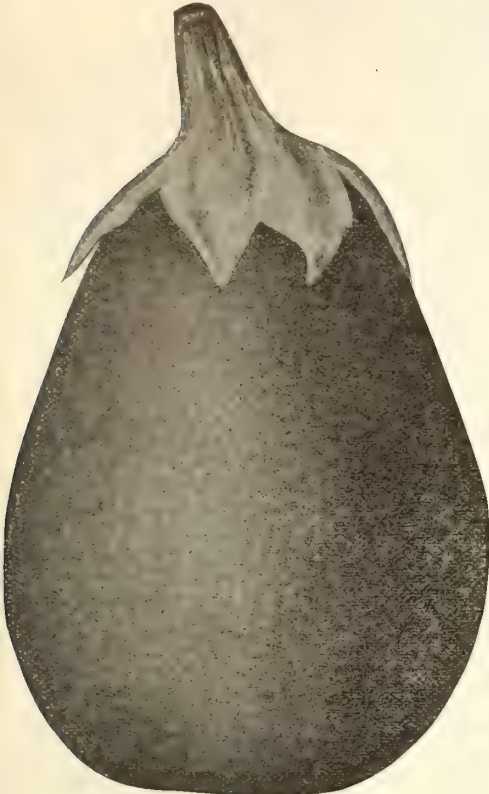
190. Snow's Pickling. An early maturing, very small, dark green cucumber, cylindrical, square ended, and very popular with growers of small pickles. Meets in all respects the requirements of those who want an ideal bottle pickle. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

Pittsburgh Famous Pickling. Bred to order by one of the most expert plant breeders for a concern who uses thousands of acres yearly. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

2. Gherkin, or Small Bur. Grown exclusively for pickling. Always pick when young and tender. Seed slow to germinate, requiring from 10 to 12 days. Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

EGG PLANT

One Ounce Egg-Plant Seed Will Produce About 500 Plants.



Florida High Bush Egg-Plant.

CULTURE. Egg-Plant seed should be sown very early in hotbed; plants, being very tender, must be protected from frost but exposed as far as practicable to light and air to harden them. Egg-Plant seed will not germinate freely without a strong uniform heat; if they get the least chilled they seldom recover; therefore, repeated sowing is sometimes necessary.

C44. Black Beauty.

The earliest and the best of all large-fruited Egg Plants. It is valuable alike to the private planter and the extensive grower for the market. Black Beauty produces fruits fully as large and ready for use ten days to two weeks earlier than the New York Improved Purple.

The grand, large fruits are thick, of most attractive form. The skin is a rich lustrous purplish-black—the satin gloss and rich coloring adding greatly to its beauty. The intensely brilliant coloring is uniform over the whole fruit and does not fade or change to a lighter color. Pkt. 5 and 10 cts.; oz. 45 cts.; ¼ lb. \$1.35; lb. \$5.00.

216. Florida High Bush. Has proved of the greatest value to the Southern truckers and shippers. It is remarkable for its vigorous growth and productivity; very hardy and will stand more cold weather than the New York Improved. The hot sun does not blight the blossoms. It grows from 3 to 4 feet high, erect and sturdy, free from thorns. Fruit is large, oblong in shape and purple; keeps its freshness and condition much longer than any other variety. Pkt. 5 and 10 cts.; oz. 40 cts.; ¼ lb. \$1.25; lb. \$4.50.

65. New York Improved Large Purple Thornless.

In shape, color and size this Egg Plant is perfection; its rich, glossy, dark purple color, its beautiful form and large size make it most attractive for the markets and for shipping. Pkt. 5 and 10 cts.; oz. 45 cts.; ¼ lb. \$1.35; lb. \$5.

Bolgiano's Improved Large Purple Egg Plant. Perfect stock of improved Large Purple Egg Plant—purer, truer and better than has ever been offered before. It has a handsome shape, a fine, dark purple color, beautiful form, large size, and is uniform, making it attractive for shipping and market use. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. \$1.35; lb. \$5.00.

California Tree Egg Plant. This variety is of medium size and extremely good shape. It resists drought and bad weather to a wonderful degree, partly on account of its strong, upright growth. It bears its fruit sometimes one or two feet above the ground, thus escaping liability to rot. Pkt. 5 and 10 cts.; oz. 50 cts.; ¼ lb. \$1.85; lb. \$7.00.

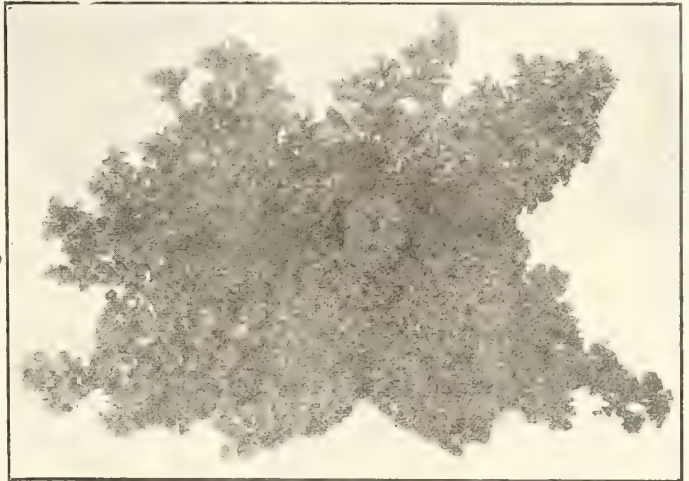
KALE, or BORECOLE

One Ounce Will Sow 200 Feet of Drill; 1½ Pounds to the Acre.

CULTURE. Kales are more hardy than cabbage, and make excellent greens for winter and spring use, being improved by frost. Sow from May to June and cultivate same as cabbage.

121. Extra Dwarf Green Curled Scotch, or Norfolk.

This is one of the best kales for spring sowing in the South for Northern markets. It is hardy and will remain over winter in any place where the temperature does not go below zero. The habit is very dwarf and spreading, and will rarely exceed 18 inches in height. The leaves are of dark green color, beautifully curled and produced in great abundance. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.



Dwarf Curled Norfolk Kale.

66. Imperial Curly Long-Standing. A beautiful curled and crimped sort, of strong, vigorous habit; perfectly hardy, bright green color, and very attractive in appearance. It will stand longer without shooting to seed than any other variety. Pkt. 5c and 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

69. Tall Scotch. Grows about two feet high with abundant dark green very curly leaves. Very hardy. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. \$1.50.

Siberian Curled Kale. The green leaves are very large heavy curled on the edge, a fast grower, extremely hardy. Will stand until late spring without bolting. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 20 cts.; lb. 50 cts.

Curled Dwarf Green. Hardy; stands the frosts of our severest winters, grows rapidly, dwarf habit, and is beautifully curled. Pkt. 5c and 10c; oz. 15c; ¼ lb. 25c; lb. 75c.

New American Long Standing Extra Curled Kale.

Beautiful green color, perfectly hardy. Will stand the coldest winters. Very tender and can be cut for the market from early spring until late in season. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00.

KOHL-RABI, or TURNIP-ROOTED CABBAGE

One Ounce Sows 300 Feet of Drill.

CULTURE. Sow in spring, in rows 18 inches apart, afterward thinning the plants to 8 or 10 inches. If the weather is suitable the thinning may be planted, but it is considered difficult to transplant. Keep the weeds down, and when the thickened stems above ground are 2 or 3 inches through they are fit to eat, and should be used at once, being tough when old. Cook like turnips.

187. Early White Vienna. When young and tender, and properly prepared for the table, it is almost equal to cauliflower. Besides, it is a certain crop, requiring no more care or cultivation than a crop of cabbage. For a fall crop sow in June. Pkt. 5c and 10c; oz. 20c; ¼ lb. 65c; lb. \$2.25.



Big Boston Lettuce.

58. Big Boston (Special Stock). Big, compact, tender and crisp creamy-white heads. Whether grown in the open ground for summer and fall use, or in frames for spring, it invariably gives both grower and user the utmost satisfaction, producing during all seasons, under ordinary favorable conditions, splendid, large, buttery-yellow heads, packed with thoroughly blanched leaves, crisp, tender and sweet. Although 'Big Boston' is one of the best large-heading mid-summer Lettuces, it is also peculiarly adapted for late fall culture. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

146. Golden Queen. One of the best first extra early head Lettuce for either open ground or frame culture, and a good forcer; medium size, solid, golden yellow heads, crisp and tender. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

219. Earliest Wayahead. Shows a remarkable combination of earliness, firm heading character, handsome appearance and fine quality. Both in cold frames early in the spring and in the open ground—in spring, summer and early fall months—it has proved to be not only the very earliest and surest heading of all early lettuces ever grown, but also of the very finest quality at all seasons. Wayahead is not only earlier than "May King" and other choice extra early varieties, but the heads are larger and more tightly folded. Outer leaves are light green, inner leaves nicely blanched to a rich buttery-yellow tint; stands a long time before running to seed. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

198. Bolgiano's Golden Heart. There has always been a demand for a Big Boston Lettuce without the brown tinge. This Lettuce is black seeded Big Boston with less brown tinge. It will stand longer without going to seed and has a fine large heart, light color, and is crisp and tender. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50, by mail postpaid.

Dutch Speckled Butter. Produces firm, small heads of excellent quality. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

Boston Market, or White-Seeded Tennis Ball. While of little or no value for outdoor planting, it is a splendid sort for growing under glass. Small hard heads. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

LETTUCE—Early Varieties

One Ounce Will Sow 200 Feet of Drill.

Lettuce in certain localities may be produced in a satisfactory way "the year round." As all know, lettuce makes one of our most appetizing and delicious salads. There are many varieties of lettuce, and in order to assist the planter we have carefully classified them, thus making it an easy matter to select the kinds desired.

CULTURE. Sow the seed in hotbeds in February or March, transplant into a sheltering border with a southern exposure. For successive crops sowing may be made in the open ground as early as the spring opens and continuing until July. Always thin out well, or the plants will not be strong. When wanted as a cut salad, sow seed thickly in rows or broadcast.

98. Early May King. Plants are of quick growth, practically all head and extremely handsome. From early spring plantings in the open ground they grow quickly to a diameter of 6 to 7 inches, with the broad, light-green outer leaves folding closely about the round solid head; in cool weather the edges of these outer leaves are lightly tinged with brown. The inner leaves (practically the entire head) are blanched into a rich golden yellow and have a specially fine, rich, buttery flavor. The round solid heads are so firmly folded that they can be shipped to distant markets and arrive in good condition. We recommend repeated plantings of this fine early variety in the spring, and again during August and September for fall use. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

Long Lost Lettuce. Produces large solid compact head. It is a sure header and is very hardy. Will winter even better than the Big Boston, never spots or shows brown in any part of the head. Sweet, crisp and tender. The leading market gardeners say the Long Lost is a profitable Lettuce. Pkt. 10 cts.; oz. 45 cts.; $\frac{1}{4}$ lb. \$1.35; lb. \$5.00.

Millionaire Lettuce. This is a valuable lettuce for the gardeners; will stand much damp cold weather. Quick grower, producing large round compact heads, crisp, tender, and has a delicious rich buttery flavor. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

209. Early Prize-Head. A crisp head sort. Produces a large head of curly leaves with edges heavily shaded with brown. Very popular for summer use. Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.



Long Lost Lettuce.

LETTUCE —Crisphead Varieties



Iceberg Lettuce.

Bolgiano's Masterpiece Lettuce.

This wonderful lettuce has been grown and tested by thousands of gardeners and lettuce growers, pronouncing the Masterpiece to be the best late spring, summer and early fall lettuce they had ever grown. Sweet, tender and crisp. No bitterness, never spots or turns dark in any part. Just one big head of good solid eating lettuce. Pkt. 5 and 10 cts.; oz. 45 cts.; $\frac{1}{4}$ lb. \$1.35; lb. \$5.00.

Brittle Ice. Large, brittle, mild flavored, crisp heading variety. It makes heads 6 to 8 inches in diameter. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

Cabbage, or Butter Head Varieties

60. Bolgiano's Black Seed Summer. A perfect heading outdoor lettuce, especially during our dry, hot summer, because it is long standing and always tender and pleasant to the taste. It does equally well for forcing under glass in hot beds, cold frames, greenhouses and for outdoor cultivation. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

Farmer's Pride. We recommend this Lettuce, feeling that it will give the utmost satisfaction. It forms a large, solid head, slow to seed and early in forming. Its large golden heart with crumpled leaves of bright green makes it pleasing to the eye. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

195. Improved Salamander. Especially desirable for late spring sowing. Medium sized, tender heads. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

C39. Big Head. Produces exceedingly large heads of the finest quality for summer use. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

A98. Summer King. It produces immense heads, often 15 and 16 inches across, and heavy in weight. The interior is beautifully blanched, creamy-white, crisp, tender, and delicious, being absolutely free from any trace of bitterness. It is a very large, robust growing variety, rooting deeply, resisting hot dry weather, very slow to seed, and a sure header under trying conditions. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

102. Bolgiano's White Loaf. Gilt edge stock for careful growers. The most experienced truckers pronounce our White Loaf Lettuce the best they ever grew. Lettuce in frames and outdoor is a most important item with our large truckers. To suit their purpose a Lettuce must form a reliable head, be crisp and with pleasant flavor. These qualities they find in our White Loaf, which is used in large quantities for fall and spring sowing, and makes a paying crop. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

225. New York, or Wonderful. The plants are extra large and produce heads of immense size with the leaves closely folded; inner portion blanches easily, and leaves are always crisp and tender. Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 65 cts.; lb. \$2.00.

Los Angeles. For many years the Eastern gardeners were confident the Los Angeles lettuce was nothing more than the Iceberg, but they could never grow the same large solid head today. Most of the lettuce growers know the value of the Los Angeles. Heads are large, crisp and tender. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

Hanson Improved. Is uniformly sure heading; grows to a large size, and the heads blanch easily and are always solid; leaves crisp, mild and tender. One of the best to grow for the summer markets. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

C54. Bolgiano's New Wonder. This new lettuce has solid round heads between 6 and 7 inches in diameter. It is hardy and very early or quick in maturing. The outer leaves are tinged with brown, but not to the extent that Big Boston is. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

191. Iceberg. This is adapted for sowing for either spring or summer use, and no matter the season the leaves are always tender. The Iceberg lettuce has become most popular in family gardens. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

11. Mammoth Black Seed Butter. In a trial of several hundred Lettuces we were impressed with this kind for summer use. It makes a large, light green head; the leaves are slightly crumpled like our White Leaf. It withstands the summer heat. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.



Black Seed Summer.

C4. California Cream Butter. A fine variety for growing in the South for shipping North during the winter. The beautiful large heads blanch to an attractive white color; the outer foliage is dark green marked with small brown spots. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

176. Deacon. One of the best to withstand hot weather. Produces fine large heads of delicious flavor. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

LETTUCE—Cabbage Head Varieties (Continued)

C30. Bolgiano's White Seed Summer. Splendid hard heading Lettuce that will stand the heat and make at the same time a large head with a golden heart, free from a bitter taste. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

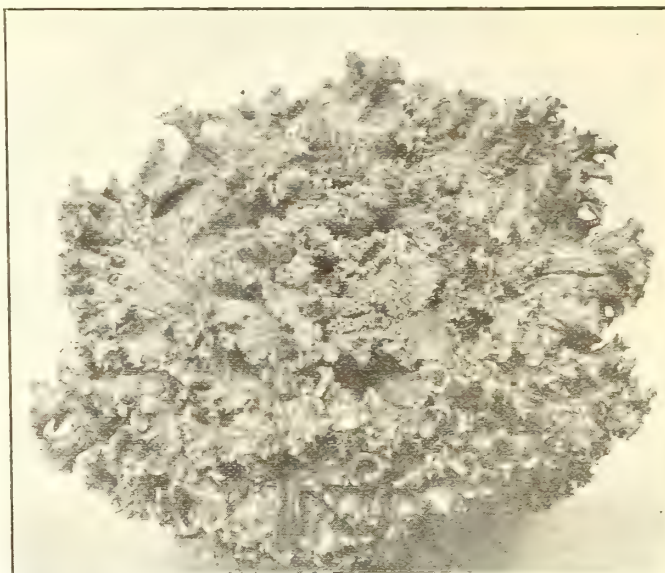
132. Hubbard Market. One of the very best Lettuce for planting in the fall to stand over winter, either in cold frames or outside. Makes a large, solid head, with outside leaves a delicate green, and inside head a fine light color of superior quality. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

Loosehead, Cutting Varieties

227. Grand Rapids. This does not form heads, but makes large compact bunches of light leaves with fringed edges. Its delicious quality and handsome appearance make it most popular in winter markets of many Western cities. It is useful also for outdoor planting during spring and fall. Our stock is the best it is possible to produce. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

C38. Early Curled Simpson, or Silesia. A standard old favorite. Produces early clusters of crisp golden leaves of fine quality. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

174. Black-Seeded Simpson. Recommended both for home and market gardens. The golden yellow curly leaves are crisp, tender and mild. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.



Grand Rapids Lettuce.

1. Bolgiano's Oak Leaf. This is very desirable for summer use, withstanding extreme heat much better than many other sorts. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

LETTUCE, COS, or CELERY



Cos Lettuce.

(ROMAINE)

Cos Lettuce, or Romaine, as it is frequently called on some markets, is not so generally grown as it should be in the United States.

In the South, Cos Lettuce succeeds best during the early spring months, or late in the fall.

172. Eclipse, or Express. Very early. The plants are of stiff, erect, compact growth, and attain height of about 6 inches. The leaves fold so neatly and tightly as to make tying up unnecessary. The head blanches to an almost pure white, and the leaves are always mild in flavor. Pkt.

5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

C23. Trianon (Paris Self-Folding White). Of rather tall growth and produces large conical shape heads. The long leaves blanch an almost snowy white, and are usually eaten like celery, hence it is sometimes called Celery Lettuce. Pkt. 5 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

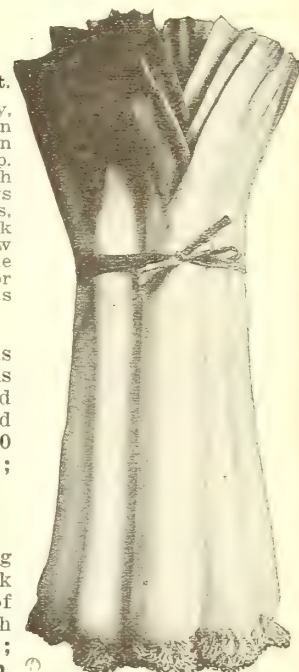
LEEK

One ounce to sow a Drill of 100 feet.

CULTURE. The Leek is very hardy, of easy culture, and succeeds best in a light soil. Sow early in April in drills 1 foot apart and 1 inch deep. When the plants are 6 to 8 ins. high transplant in a deep, rich soil in rows 12 ins. apart and 6 ins. in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September, and the young plants transplanted in the spring.

50. Extra Large Leek. It is the best. This mammoth leek is not to be compared with the old kinds. It grows much larger and is very handsome. Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

Broad London, or Large American Flag. A very strong growing variety with large thick stems of fine sweet flavor. One of the most popular varieties with large planters. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 70 cts.; lb. \$2.25.



Broad London, or American Flag Leek.

SAVE MONEY BY ORDERING ONE OF THE
COMPLETE
VEGETABLE GARDEN COLLECTIONS
See page 41.

MUSKMELON, or CANTALOUPE

One Ounce Will Plant 50 Hills;
2 or 3 Pounds in Hill per Acre.



Sweet Air.

CULTURE. Melons thrive best in a rich, light soil. Plant early in May, when the ground has become warm and dry, in hills six feet apart each way for muskmelons, eight feet for watermelons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seed; after all danger of the bugs is over, thin out to three plants per hill. When about one foot long, pinch off the tips to make them branch, as it strengthens the growth of the vines and makes the fruit mature earlier. Give plenty of water and feed liquid manure occasionally. A few hills for early use may be had by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground.

Green Flesh Varieties

41. Sweet Air. A splendid Melon for all purposes. Be sure to read our full description on page 4. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$1.50.

Jr. Rocky Ford. Two weeks earlier, a little larger and twice as productive as the Rocky Ford, one of the best rust and blight resisters. Vigorous grower, vines keep green and produce big crops of fine market melons. Its netting is close and deep, sweet flavor, thick green flesh with small seed cavities, make a very fine shipping melon. Pkt. 5 and 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.50.

C32. Knight. It is not liable to blight, considerably earlier in maturing and nearly, if not quite, as large as the Sweet Air. The flavor is equal to the best on the market. The melons are firmly netted, uniform in size, and the thick green flesh is most delicious in flavor. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25, by mail postpaid.

A48. Eden Gem. A medium-sized melon, nearly round in shape, very heavily netted and very slightly ribbed. The flesh is extremely thick, the seed cavity very small. It is medium early and very prolific. The vine is vigorous and will resist blight. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

39. Rocky Ford, or Netted Gem. One of the best-known cantaloupes in the world. When this melon was first placed on the market it made a name and a place for itself. Its fine flavor, bright green, very deep meaty flesh, make it a popular variety. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

48. Pollock's Netted Rock, or Money-Maker. Growers in Rocky Ford have been trying to get a RUST-PROOF and BLIGHT-PROOF MELON. It is distinct in its markings, being almost entirely covered with netting, slightly larger than the Rocky Ford; very delicious in the spicy sweet cantaloupe flavor. Nearly rust-proof and blight-proof. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

81. Bolgiano's Baltimore Nutmeg. Our seed this season has been grown from the old original stock seed. The Baltimore Nutmeg is a large green-flesh variety, sweet as sugar. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

Watter's Improved. One of the earliest, it is the most valuable sort to plant where first in the market is of great importance. Light green flesh. Sweet and tender. The heavy netting makes it a successful melon for both gardens and shippers. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

C27. Jenny Lind. Small-fruited green-fleshed variety of finest flavor. Early and productive. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

AC32. Maryland The vines are of a strong, healthy growth, branch freely, setting a large number of fruits close to the hill. Regular in size and form, and very closely netted. Flesh bright green, luscious in flavor. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

224. Extra Early Hackensack. Thick green flesh, is of fine flavor. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

C49. Honey Dew Melon. Has a peculiar sweet pleasant taste that makes one wish his capacity was unlimited. It must be dead ripe before being prepared for the table. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

Salmon Flesh Varieties

Bolgiano's Unsurpassed. Specialty, see page 4. Enormous producer, best shipper, solid netted. Orange-colored meat, tender, delicious, and sweet flavor. Fairly melts in your mouth. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.50.

180. Golden Sugar. It is a pleasure for us to offer again this salmon flesh melon which has given such universal satisfaction to those who have grown it. This sweet, deep-fleshed melon has a flavor that invites all who taste, while its regularity of size and tough rind recommend it to shippers. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

99. Burrell Gem. Another desirable salmon-fleshed variety. Melons about same size as preceding, but they are more oval in shape, and are well ribbed. The flesh is thick and of delicious flavor. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

77. Paul Rose. Slightly oval in shape with deep orange flesh. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.

C8. Emerald Gem. The melons weigh about 1 $\frac{1}{2}$ lbs. and are somewhat flat at stem and blossom ends. The skin is smooth and free from netting, and is ribbed. Seed cavity small and the salmon flesh is thick and of finest flavor. Highly recommended for nearby markets and home gardens. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

54. "Tip Top." Sweet, juicy, finest flavored, firm (but not hard) fleshed. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

Banana Cantaloupe. Deep golden flesh, exquisite flavor. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

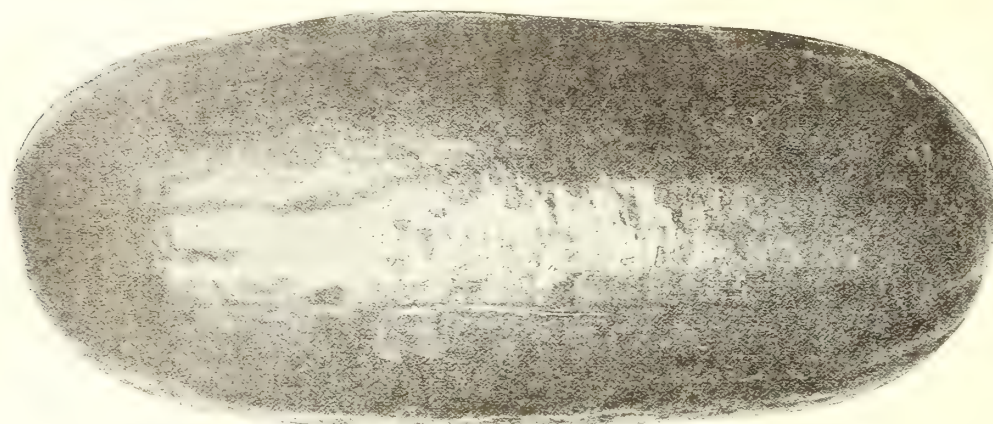
Extra Early Osage Gem. Delicious sweet flavor; tender; extremely prolific. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

10-25. Cantaloupe. A re-selection of the Pollock Salmon Tint, No. 25 Strain, which in the last few years has become very popular among market gardeners. Orange flesh, tender, sweet flavor, without strings or toughness; excellent shipper, good seller. Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

Four to Five Pounds to an Acre;
One Ounce for Thirty Hills.

WATERMELON

CULTURE. Same as for
Cantaloupes on Page 25.



General Pershing Watermelon.

General Pershing Watermelon. The finest melon ever introduced. The sparkling red flesh is as sweet as honey. No hard center and stringless. Flesh firm and compact. Rind tough; will stand shipping from Florida to Canada in perfect condition. Vigorous grower. Vines keep green and produce enormous crop of first-grade melons weighing 35 to 51 pounds each. Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

64. Tom Watson. This old favorite is an extra long melon of attractive appearance, uniform in shape and quality; the luscious crimson flesh is "as sweet as honey," melting and of superb flavor. The average melon will weigh 35 to 40 pounds and measure 28 inches long and about 12 inches in diameter. As a shipping melon, it has held first place and is also quite popular for home use. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

181. Irish Grey. The rare combination of tempting sweet flavor and a tough rind make this melon one of such superior merit that it well deserves the popularity that it has been receiving among growers for shipping and home use. One feels a little disappointed at the first sight of the light green rind, but the view and taste of the delicious interior makes fast friends. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

Bolgiano's Indian Chief. Is entirely distinct from all other varieties. It is a large, oblong, dark green melon; the rind is thin, but tough, which makes it a first-class shipping melon. Flesh bright red; delicious sweet flavor; produces big crops, all select size. Our demand for seed each year increases. Pkt. 5 and 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

144. Improved Florida Favorite (White Seeded). Early. Fine quality; medium size; flesh deep red. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

C48. Kleckley Sweet, or Monte Cristo. A fine melon for home growing and table use. Vines are strong, vigorous and the fruits grow to large size, 18 to 20 inches long and 12 inches in diameter. Skin is a rich, dark green; flesh bright scarlet, ripening close to the rind, which is but half an inch thick, so that shipping it long distances is not practicable. Crisp, sugary, melting and entirely free from stringiness. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

150. Triumph. It is a cross between Duke Jones and Kolb's Gem. Has the handsome appearance and dark green color of the former and the shipping qualities of the Gem; medium season, very prolific, deliciously sweet and of enormous size. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50c.

179. Halbert Honey. A very sweet, long, dark green variety. Fruits average 18 to 20 inches long, has a thin rind and deep red meat of delightfully delicious flavor; pulp entirely free from stringiness; seed white. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 60 cts.

Excell—the New Watermelon. A long green melon, with visible stripes. Handsome in appearance and far surpasses the Tom Watson both as a shipper and for the table. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

63. Round Light Icing. Round; pink flesh of fine quality. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

70. Jordan's Gray Monarch. Large melons; crimson flesh; late. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 25c; lb. 60c.

221. Cuban Queen. Solid and heavy, finest quality. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

197. Ice Cream, or Peerless. Very early; red flesh. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 40 cts.

88. Kolb Gem. Large; good shipper; bright red flesh; intermediate. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20c; lb. 50c.

C14. Georgia Rattlesnake. Oblong, dark and striped; bright red flesh; late. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

120. Sweetheart. Very large; fine quality. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

220. Preserving Citron. Medium size, uniformly round, used only for preserves or pickles. Color dark green, distinctly striped and marbled with light green. Flesh white and solid, but not at all suitable for eating raw. Seed red. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

MUSHROOM SPAWN

Mushrooms may be grown in cellars, under benches or green-houses or in sheds, wherever the temperature of 50 degrees can be kept up through the winter. The beds should be made from November to February, according to the time the Mushrooms are wanted, and it requires about two months for them to begin bearing. Secure fresh horse manure, free from straw and litter, and mix an equal bulk of loam from an old pasture with it. Keep this under cover, taking care to turn it every day to prevent heating, until the pile is large enough to make a bed the required size. Three or four feet wide, 8 inches deep and any length desired are the proper proportions for a bed, but these may be varied. Prepare the mixture of loam and manure, making the bed in layers, and pounding down each with the back of the spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees make holes in the bed about a foot apart each way, into which put pieces of the spawn 2 or 3 inches in diameter; fill up the holes with the compost, and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Spread a layer of fresh soil over the heap to the depth of 2 inches and cover with 3 or 4 inches of hay, straw or litter. Examine the bed often to see that it does not get dry. Take special care, however, when water is given that it be at a temperature of about 100 degrees.

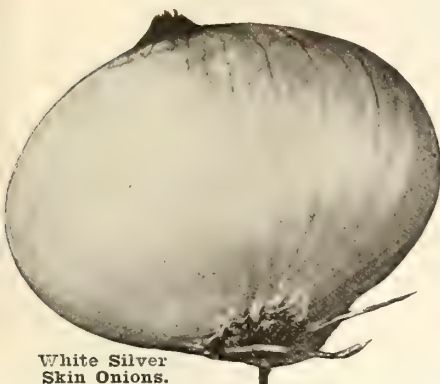
American Spawn. In bricks. Per brick, 25 cts.; 10 bricks, \$2.25; per 100 bricks, \$20.00.

If requested, with each one dollar order for Mushroom bricks, we will send a book on Culture. Books alone, 10c.

One Ounce Will Sow
100 Feet of Drill.

ONION

Six Pounds
to the Acre.



White Silver
Skin Onions.

CULTURE. For sets sow the seed early as possible in the spring, very thickly in drills. As soon as the tops die off in summer remove them to a dry, airy place, and early in the following spring re-plant by placing the sets in shallow drills, 12 inches apart, and about 4 inches apart in the drills. The onions obtained by that process are of a large size early in the season. May also be grown to full size during the first season by sowing thinly in drills 1 foot apart and about ¼ inch deep in March or early

in April, in strong land, well manured, and thinning them out to 3 to 4 inches apart in drills. They delight in a strong, rich, deep, loamy soil, and succeed well if grown successive years on the same ground. By sowing onion seed in frames in February and March and transplanting in April onions of immense size can be obtained. For this purpose Prize-Taker succeeds best.

85. White Silver Skin. This famous onion retains its great popularity. Its delicate and mild flavor, its shapely form and size, and its pure white color make it a most desirable variety for the table, for the market and for shipping. Onion sets are extensively grown from this sort, and from these sets full-size onions are grown as early as June and July. The onion sets and large onions are used for pickling purposes because of their clean, silvery white color. Pkt. 5 and 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.00.

C13. Australian Brown. It is of medium size and of good quality, very early, rather flattened in shape, brown in color, and wonderfully hard and solid. It begins to form a bulb at an early period of its growth, when only a few inches high, and quickly reaches maturity. Its leading and most valuable feature, aside from its appearance and quality, is its long-keeping quality. It will literally keep for a year or more. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. \$1.50.

173. Yellow Globe Danvers. A popular variety of fine flavor and a splendid producer. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.25.

C40. Southport Yellow Globe. Some gardeners claim the Eastern-grown seed produces a more solid onion than the western-grown. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. \$1.50.

36. Danver's Fine Yellow. Color brownish - yellow; bulbs quite round and of good size. This is one of the varieties grown for sets, thousands of bushels of which are annually shipped from this market to different parts of the United States. They are more hardy than the whites, and keep better through the winter. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.25.

C63. Mammoth Prize-Taker. This onion is seen on fruit stands in the fall and is the largest and handsomest onion in cultivation, and can be grown full size from seed. It keeps well, has white flesh, and mild, delicate flavor. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. \$1.50.

C45. Large Red Wethersfield. Produces beautiful thick flat-shaped, rich, purplish-crimson colored solid bulbs. It always commands a good price in the market. It is a good keeper and of excellent quality. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.75.

C64. Southport White Globe. Of all our American varieties of market onions, this generally commands the highest price. Of true globe form, the onions are 2 to 2½ inches in diameter, with a thin, delicate skin of purest paper whiteness. The flesh is crisp, fine grained, snowy white in color and very mild flavor. The bulbs should be stored in a

cool, dark loft or shed to dry as soon as they are ripe enough to harvest. Pkt. 5 and 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.00.

A85. White Portugal. Fine color; mild flavor; pure white. Fine for onion sets and pickles; will grow to large size if sown thinly and kept worked. Pkt. 5 and 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.00.

Yellow Bermuda Onion Teneriffe. It is oval in shape, white, very early, mild flavor, and will produce full grown onions from seed the same season, in the Southern States. Seed grown in early fall will produce large onions for the market in early spring. Pkt. 5 and 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.50.

Crystal Wax-Onion Teneriffe. The very best onion produced in Teneriffe. Pure crystal white, extra early, mild flavor and will demand the highest market prices. Pkt. 5 and 10 cts.; oz. 25 cts.; ¼ lb. 85 cts.; lb. \$3.50.

Red Bermuda Onion Teneriffe. Shape and size similar to white, differing only in color. A most desirable sort to grow. Pkt. 5 and 10 cts.; oz. 20 cts.; ¼ lb. 60 cts.; lb. \$2.50.

ONION SETS

For years we have made Onion Sets one of our specialties, and this season our stock is larger and finer than ever. We are prepared to offer Onion Sets in any quantity, from one bushel to a carload.

White Silver Skin.

Per bushel....\$3.00

Yellow Danvers.

Per bushel....\$2.75

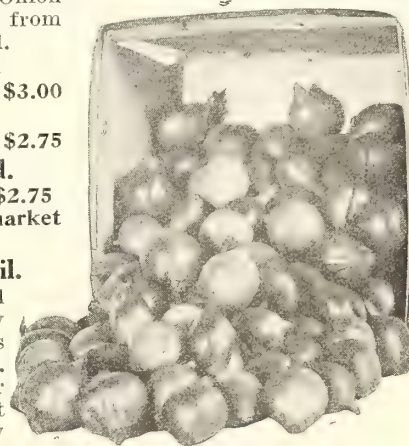
Red Weathersfield.

Per bushel....\$2.75

Prices subject to market changes.

Onion Sets by Mail.

We will send by mail postpaid either Yellow or White Onion Sets at 15 cts. per ½ lb. (about one pint), or 25 cts. per lb. (about one quart), safely packed.



Onion Sets.

MUSTARD

One Ounce of Seed Will Sow 50 Feet of Drill.

Mustard is one of the best greens, and a supply may easily be obtained throughout the entire season if succession sowings are made. Try Mustard cooked like Spinach. It is very easily grown and will thrive in any part of the garden. For late spring use sow in February, March or April; for fall use sow in August and September. Sow the seed in rows 8 to 10 inches apart. One ounce will sow about 100 feet of drill; about 5 lbs. is required for an acre if sown broadcast.

C6. Southern Giant Curled. A curly leaf variety; produces large leaves; makes a very fine salad; flavor is all that can be desired. Plant in fall for early spring salad. A popular variety. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 20 cts.; lb. 60 cts.

C9. Chinese. Differs from the preceding in that the large, broad leaves are smooth and flat. The plants produce a large quantity of leaves which are delicious when cooked and served like Spinach. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 20 cts.; lb. 60 cts.

Ostrich Plume Mustard. The plants are of vigorous growth; dark green leaves curve outward like a fine ostrich plume. Fine flower, one of the best for early salad. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

One Oz. Will Sow
30 Feet of Drill.

GREEN OKRA

Ten Pounds
to the Acre.



Improved Long Green Okra.

easily dried for winter. So delicious is the flavor that when once used it will be grown every year in Northern as in Southern gardens. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

C28. Improved Long Green. A very desirable sort for market gardeners; of medium height; very handsome; bears long pods, which remain tender a long time and are free from hard ridges. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

White Velvet. A popular new variety with white pods. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

Perkin's Mammoth Long-Podded. Pods shoot out from the stalk within three inches of the ground and the whole plant is covered with them to its extreme height. Pods are an intense green color, 9 to 10 inches long, very slim and do not get hard. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

One Ounce Will Sow
100 Feet of Drill.

PARSLEY

Six Pounds
to the Acre.

CULTURE. Succeeds best in a mellow, rich soil. Sow thickly in April in rows 1 ft. apart and $\frac{1}{2}$ inch deep; thin out the plants to stand 6 ins. apart in the rows. The seed is slow of germination, taking from 3 to 4 weeks to make its appearance, and often failing to come up in dry weather. To assist its coming up quicker soak the seed a few hours in warm water or sprout in damp earth and sow when it swells or bursts. For winter use protect in a frame or light cellar, or lift some of the plants and reset in six-inch flower pots or small boxes and place in kitchen window.

106. Market Gardener's Best Triple-Curled. The plant is of a very robust and free growth, and it is improved by severe cutting. The leaves are very large and beautifully curled, and of a very dark green. It will stand the heat, drought and cold better than many other varieties. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 90 cts.

C33. Emerald, or Dwarf Extra Curled. Leaves are tender, beautifully curled; handsome, bright green color; very pretty; makes long stems. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

CULTURE.

This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor, and are considered nutritious. Sow seed thickly in rich ground about the middle of May, or when ground has become warm, in drills 3 feet apart, 1 inch deep; thin to 10 ins. apart in drills.

154. Dwarf Green Prolific.

The pods impart fine flavor and consistency to soups and stews, besides being very palatable when stewed and served like a dish of Asparagus. Its pods can be

A106. Green Mountain.

Hardy, immensely productive, deep velvet green. The leaves are densely curled and borne in abundance. Is exceedingly easy to grow, and with very little care any one can have the finest parsley in cultivation. If you have but a few square feet of garden, you can easily raise enough parsley to supply your table. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

218. Plain, or Single.

Leaves flat, deeply cut, but not curled, and very dark green. Plant very hardy. One of the most popular varieties for Southern culture. A good producer of excellent quality garnish. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.



One Ounce Will Sow
200 Feet of Drill.

PARSNIP

For an Acre.
Five to Six Pounds



Hollow Hub
Parsnip.

CULTURE. Sow as early in the spring as weather will permit in drills 15 inches apart in rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars for immediate needs. Valuable for feeding as well as for table use.

83. Hollow Crown Sugar Parsnip, or Hollow Hub. The best and handsomest parsnip. Half long, wedge-shaped, hollow crowned, and very broad at the shoulders, easily taken out of the ground, and producing more tons to the acre than the longer and thin varieties. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{2}$ lb. 40 cts.; lb. 75 cts.

Guernsey. A greatly improved strain. Hollow crown, very smooth. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

FREE DELIVERY

Packets, Ounces, Quarter-Pounds, of all seeds excepting Beans, Corn, and Peas ordered at list prices, will be sent Free by Mail or Express.

Los Angeles, Cal., April 7, 1921.

F. W. BOLGIANO & CO.,
Washington, D. C.

Dear Sirs,—Just to thank you for the seeds and Lilly Pips. Some of the seed are up and the Lillies are doing fine.

Next year I hope to get a good many seed from you.

Yours truly,

MRS. GRACE VAYO.

One and One-Half Bushels
to the Acre.

PEAS

One Quart Will Plant
100 Feet of Drill.



Early Bird
Peas.

CULTURE.

Peas mature earliest in light, rich soil. For general crop use a rich, deep loam or inclining to clay is best. When grown in garden sow in double rows 6 to 8 ins. apart; the rows 2 to 4 ft. apart. Commence sowing the extra early varieties as early as the ground can be worked in February or March; transplant for a succession every two weeks until June, then discontinue until the middle of August, when a good crop may be secured by sowing extra early and early sorts for fall use. They should be kept clean and earthed up twice during the growth. The wrinkled varieties are not as hardy as the small, round sort, and if planted early should have a dry soil or they are liable to rot in the ground. They are, however, the sweetest and best flavored varieties. The dwarf varieties are best suited for small gardens. For mailing see Parcel Post Rates, page 2. One quart weighs about 2 pounds.

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Extra Early Dwarf Varieties

Early Bird. Bolgiano's New Early Large Pod Pea. A very early, hardy, large podded, 2 to 2½-foot pea. Can be pulled as early as Pilot with pods double the size. A robust grower, heavy yielder, 9 to 10 peas in a pod. Can be sown with safety as soon as the ground can be worked. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; peck, \$3.50; bushel, \$12.50.

Laxtonian. This handsome new wrinkled pea is the largest podded of the dwarf varieties on our list. The beautiful dark green pods are similar to Gradus in shape and splendid quality; are very nearly as large in size and mature a little earlier. The vines are vigorous, productive, averaging 15 to 18 inches high, foliage dark green; pods about 4 inches in length. Seed light green, large, wrinkled, flattened, irregular in shape. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.85; bushel, \$10.50.

Little Marvel. Vines of dwarf even growth, averaging 15 inches in height. Heavily set with fine pods and frequently borne in pairs. Ready for table fully as early as American Wonder; vines are larger and produce a much heavier crop. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.85; bushel, \$10.50.

Bolgiano's 100% Profit Peas. Only grows 1 foot high, but quickly produces an abundance of immense beautiful deep green pods, filled with large delicious peas. "100% Profit" Peas are much earlier, dwarfer, more prolific, deeper green color, and more delicious in flavor than either the Thomas Laxton or the Gradus Pea. Will make a lot of money quickly for the market gardener and shippers to Northern markets. As a pea for the home garden it is beyond description. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.85; bushel, \$10.50.

Nott's Excelsior. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.75; bushel, \$10.00.

Premium Gem. This variety is nearly as early as the American Wonder, and the vine is decidedly larger, growing from 12 to 16 inches, and bearing an immense crop of peas which are larger and invariably filled with peas of best quality. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.60; bushel, \$9.50.

American Wonder. This variety stands unrivaled in point of productiveness, flavor and quality, and is without exception the earliest wrinkled pea in cultivation. It is of dwarf and robust habit, growing from 10 to 15 inches high, and produces a profusion of good-sized and well-filled pods of finest flavor. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.60; bushel, \$9.50.

McLean's Little Gem. Very early, prolific, delicious flavor. Height 1¼ feet. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.75; bushel, \$10.00.

Extra Early Varieties

Early Springtime Peas. Introduced by us four years ago. It is long podded with large peas, fine quality, abundant cropper. Full description on page 5 of this catalogue. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; peck, \$3.50; bushel, \$12.00.

Extremely Early Long-Podded Alaska. An entirely new, vigorous, handsome, long-podded, delicious flavored Alaska pea. Bound to become extremely popular, for it has all the good qualities of our Famous Extra Early Alaska Pea, and in addition it has a well-filled long pod, which will fill the basket quickly, and while it is not a distinctly sugar pea, yet it has a much sweeter flavor than the Alaska. It is abundant yielder. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; 4 qts. \$1.40; peck, \$2.60; bushel, \$9.50.

Extra Early Alaska. The earliest of all smooth green peas, having the best color when shelled and the best quality when cooked. The dark green color of the pods make it extremely desirable, as it can be carried long distances without losing its color, which quality, combined with its earliness and uniformity of ripening, make it one of the best early peas for market gardeners. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.25; bushel, \$8.00.

Bolgiano's Extra Early Triumph. The earliest of all; uniform and productive. The success of our Extra Early Triumph Peas has been surprising. Large truckers have found it most satisfactory. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.40; bushel, \$8.50.

Prolific Early Market. Not quite so early as the Pedigree, but much more productive. Beautiful large pods, fine quality, one of the best peas ever introduced. Height 2½ feet. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.25; bushel, \$8.00.

Wonderful Extra Early. This pea has proven itself to be a decided acquisition to the list of peas. It is as early as the Alaska; bears long, well-filled pods. While not a wrinkled pea, it takes somewhat of the character of these. It can be planted as early as the Alaska—vines grow stiff and upright. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.60; bushel, \$9.00.

PEAS—Extra Early Varieties

Pilot Peas.

As early as the best selected, small, and smooth seeded extra early varieties. Pods and peas are nearly as large as those of the Gradus and produced three days earlier. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.85; bushel, \$10.50.

Extra Early

Gradus. or PROSPERITY. The very best extra early wrinkled pea ever introduced. It produces pods equal in size to the well-known Telephone. Quality and productiveness equal to that well-known variety. The vines are of vigorous, robust growth, about 2½ feet high, thick stems and luxuriant foliage; bears large, handsome pods with immense luscious peas, remaining sweet and tender a long time after they are fit to pick. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; gallon, \$1.50; peck, \$2.85; bushel, \$10.50.

Extra Early

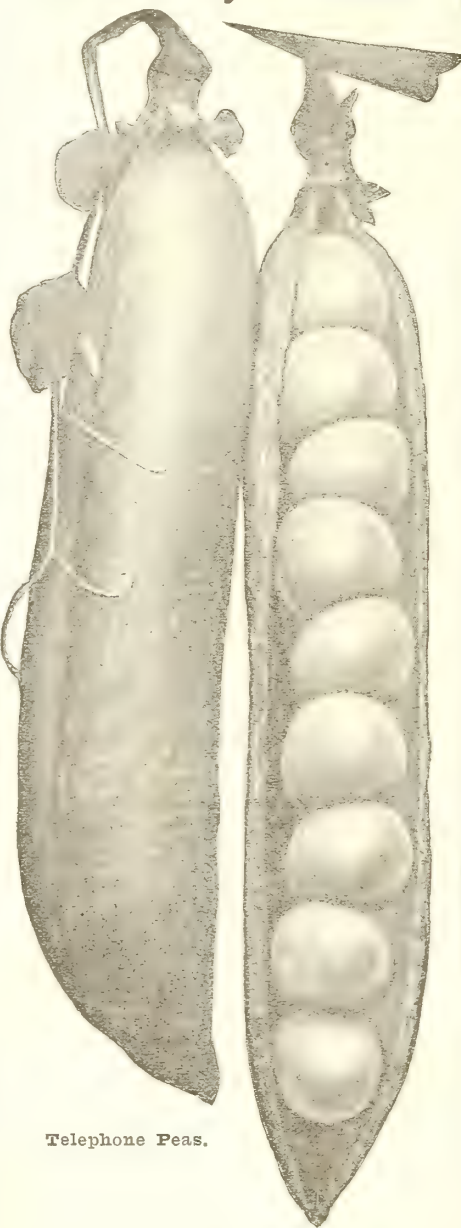
Thomas Laxton.

An extra early wrinkled marrow of excellent quality, and a valuable addition to the very early varieties. It is three feet high and somewhat more vigorous in habit than Prosperity. The pods are medium to large, blunt-ended and filled to the tip with large peas of true, rich "marrow" flavor. Its strong vine and heavy cropping character make it very suitable for an early crop in the private garden. It may be used to great advantage as an immediate successor to Gradus. If sown together, Thomas Laxton will be in full production just as the crop of Gradus is diminishing. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; gallon, \$1.50; peck, \$2.85; bushel, \$10.50.

First and Best. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.25; bushel, \$8.00.

Ameer. Fine podded Extra Early; prolific. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.60; bushel, \$9.00.

Bountiful. Bears an abundance of beautiful green pods, crowded with delicious peas. Extremely early. Height 2½ feet. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bushel, \$9.00.



Telephone Peas.

Second Early or General Crop

Bolgiano's New Victory Pea. When we first obtained this remarkable pea we had only a few vines with which to start, and we saw at once it was the pea market gardeners are longing for. The vines are deep dark green in color, very luxuriant in appearance. Pods 5½ to 6 inches long, filled with beautiful deep dark green peas of large size and most delicious flavor. The pods retain their deep dark green color long after picking. Its heartiness and fine delicious flavor will make it a favorite with the home gardeners. See page 5. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; peck, \$3.50; bushel, \$12.50.

Telephone. A wrinkled variety of very robust habit and a great bearer. A single vine produces from 8 to 10 unusually long, well-filled pods of largest size, containing 10 to 11 peas. It is very productive, of fine flavor and an excellent table variety. Height about 4 feet. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; gal. \$1.60; pk. \$3.00; bus. \$11.

Cracker Jack Pea. A wonderful yielder with robust, hardy vines that withstand the summer heat long after other varieties are dried up. It has an abundance of large dark green pods. Ready for the market just as Wonder Worker is over. As a good heat resister it is the pea that market gardeners have been looking for, and is truly a "Cracker Jack." Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; peck, \$3.50; bushel, \$12.00.

Horsford's Market-Garden. Very prolific. Pt. 25 cts.; qt. 40 cts.; peck, \$2.35; bushel, \$8.50.

Champion of England. A well-known standard. Pt. 25 cts.; qt. 40 cts.; peck, \$2.50; bushel, \$9.00.

Alderman. Tall, vigorously productive. Pt. 25 cts.; qt. 45 cts.; peck, \$3.00; bushel, \$11.00.

Duke of Albany. One of the largest podded peas; very productive. Pt. 25 cts.; qt. 45 cts.; pk. \$2.85; bus. \$10.50.

Juno (Dwarf Champion). Late; large pods; prolific. Pt. 25 cts.; qt. 45 cts.; peck, \$2.40; bushel, \$9.50.

Each of the five varieties above, 10 cts. per pkt.

Improved Stratagem. The pods are of immense size and uniformly filled with very large, dark green peas of the finest quality. All the good qualities of the old Stratagem are highly developed, and it is superior to the stock now generally sold as Stratagem. Vine medium height, but very stocky, with very broad, light green leaves and bearing an abundance of large, handsome pods. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.75; bushel, \$10.00.

Wonder Worker (Bolgiano's Earliest Wrinkled Pea).

The most delicious pea you have ever eaten. Six weeks from planting, this wonderful large wrinkled pea can be marketed. In earliness, great size and excellent flavor it is unequalled. The vines grow 2½ feet high, and are very hardy, resisting pests and cold weather. It bears an abundance of large, even, deep green pods. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$3.00; bushel, \$11.00.

Early Morning Star. Very early; fine crop. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck, \$2.25; bushel, \$8.50.

Pedigree Extra Early. Select of First and Best. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; pk. \$2.25; bus. \$8.50.

Everbearing. A long time in bearing. Peas large, pods long; 1½ feet high. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; peck, \$2.75; bushel, \$10.00.

PEAS—Edible-Podded or Sugar

Melting Sugar. Grows to height of 5 feet; bears a profusion of large, broad pods, which are so brittle they snap without any string. Should be used in much the same way as a wax bean. Pods when cooked are very sweet and tender. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; gallon, \$1.50; peck, \$2.75.

PEPPER

CULTURE.

Peppers are indispensable as a seasoning for soups and meats. The large varieties are mainly used for this purpose and pickling. The mild sweet varieties, like Sweet Mountain, Bull Nose and Ruby King, are used for Mangoes, while the small-fruited sorts are best for sauces. Sow in hotbeds in March or April or sheltered border in May; when the season is favorable transplant in rows 2 feet apart and 18 ins. in the row, in good, rich, mellow ground.

34. Ruby King.

An improved American variety, reaching the largest size, often 4 to 6 inches in length and 3½ to 4 inches thick, yet retaining the symmetrical shape of the smaller

Ruby King.

size. It is very bright colored and the flesh is sweet and mild-flavored. Pkt. 5 and 10 cts.; oz. 40 cts.; ¼ lb. \$1.25; lb. \$4.50.

12. Sweet Mountain. Fruit sweet and very large, often 6 inches or more in length by 2 inches in diameter; very smooth. Pkt. 5 and 10 cts.; oz. 40 cts.; ¼ lb. \$1.25; lb. \$4.50.

Hills, Eight Feet Apart.

C59. Small Sugar. A very handsome little pumpkin with deep orange-colored skin and flesh of usually fine, sugary flavor; fine-grained, very productive, and keeps well. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 85 cts.

126. Large Sweet Cheese. A most popular variety; fruit flattened; skin mottled light green and yellow, changing to rich cream color as it matures. Flesh yellow, thick and tender. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 85 cts.

C36. Sweet Potato. The finest variety for table use. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 75 cts.

158. Connecticut Field, or Large Yellow. The common field variety. Excellent for feeding. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.

Kentucky Large Field. Flat, fine for pumpkin pies, winter, etc. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60c.

75. Yellow Winter Crookneck. Fruits are about 2 ft. long, with solid, meaty, curvy neck. Seed located in bulb-like end; color solid yellow. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.25.

C20. Green Striped Cushaw. Fruits very large, with crooked neck. Color creamy white, irregularly striped or traced with green. Flesh light yellow, very thick, rather coarse but sweet. This sort is very productive and popular in some sections. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.25.

One Ounce Will Produce About 1,500 Plants.

35. Royal King. An improved Ruby King, four lobed, bright color, mild and sweet. This variety, to our minds, far surpasses any recent types on the market. Pkt. 5 and 10 cts.; oz. 40 cts.; ¼ lb. \$1.25; lb. \$4.50.

14. Chinese Giant. This monstrous fruiting variety averages 12 to 15 inches in circumference and, notwithstanding its immense size, it is very early and prolific. The stocky, well-branched plants, about 2 feet high, carry so many peppers that in places they seem bunched together. The flesh is thick, tender, mild, sweet and unexcelled when sliced or for stuffing for "mangoes." When ripe the surface is of a brilliant, varnished scarlet. Pkt. 5 and 10 cts.; oz. 45 cts.; ¼ lb. \$1.50; lb. \$5.50.

25. Bell, or Bull Nose. Produces a very large-sized pepper, which is highly esteemed for pickling. Flesh is sometimes quite hot in flavor. Pkt. 5 and 10 cts.; oz. 35 cts.; ¼ lb. \$1.15; lb. \$4.00.

"Scarlet Mammoth" Pepper. The largest, earliest maturing and most productive, very large, sweet Pepper. The plant is vigorous and upright, growing larger than that of the Chinese Giant and produces much more fruit. The fruits ripen earlier than any of the very large sorts on the market, and average heavier, as the flesh is unusually thick. Color deep crimson when matured; flavor very mild. Pkt. 5 and 10 cts.; oz. 45 cts.; ¼ lb. \$1.50; lb. \$5.50.

183. Pimento. Undoubtedly the thickest fleshed of all peppers. The peppers are of just the right size, measuring about 3½ inches long by 2¼ inches across the stem, being decidedly conical in shape, and are of a rich bright scarlet color. The meat or flesh is tender and sweet. Pkt. 5 and 10 cts.; oz. 35 cts.; ¼ lb. \$1.15; lb. \$4.00.

4. Long Red Cayenne. A long red variety, very hot, and is generally used for seasoning soups. Pkt. 5 and 10 cts.; oz. 35 cts.; ¼ lb. \$1.15; lb. \$4.00.

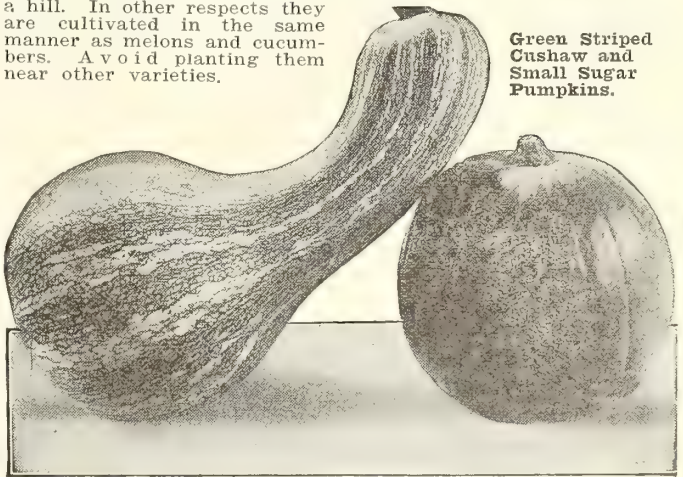
17. Red Chili. They are pointed like the Cayenne, but not so long nor so thick, and are exceedingly pungent when ripe. Requires a long, warm season. The plants should be started early in a hotbed. Pkt. 5 and 10 cts.; oz. 40 cts.; ¼ lb. \$1.25; lb. \$4.50.

PUMPKIN

Two Pounds to the Acre.

CULTURE. May be planted middle of spring, among the Indian corn or in the field or garden, in hills 8 to 10 feet apart each way, four seeds in a hill. In other respects they are cultivated in the same manner as melons and cucumbers. Avoid planting them near other varieties.

Green Striped Cushaw and Small Sugar Pumpkins.



King of the Mammoth, or True Potiron. The great prize pumpkin growing the largest of all, from 100 to 200 pounds in weight, bright yellow, tender, excellent. Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00.

MAINE SEED POTATOES

The HOULTON (MAINE) SEED POTATOES are universally acknowledged to be the best; grown in the cold North, where Nature conspires against all but the strongest, we get our best seed. For earliness and productiveness we are convinced that Maine-grown seed are the best, and, in the long run, cheapest. Why not take the same care in selecting your seed potatoes as you would your cabbage? Our stocks have been grown for seed purposes, and are carefully selected for yield and purity. Get our prices before you buy. Several have told us that seed gotten from our house yields from 20% to 25% more than seed saved by themselves.

If shipments are requested during severe cold weather, the tubers travel solely at purchaser's risk.

Trust Buster (Bolgiano's new extra early seed potato). The great success of this new potato is assured from the wonderful reports we have received the last few years. It is not only early, but it is a heavy producer of potatoes of the very finest texture and quality. These potatoes are uniform in size, color, and fine flavor. They are quickly prepared for cooking, as the skin peels readily and they cook dry and mealy. Peck, \$1.00; bushel, \$3.40; barrel, \$8.50.

Irish Cobbler. The most popular of the early varieties. Of handsome cream white color and of excellent quality, making it most desirable for the best trade. It is a vigorous grower, ripens uniformly, and is a good keeper. Peck, \$1.00; bushel, \$3.25; barrel, \$8.00.

Houlton Early Rose. This is a popular potato; very early; fine quality, and very productive. Peck, \$1.00; bushel, \$3.25; barrel, \$8.00.

XX Early, or Early Ohio. This is a potato that comes to us very highly recommended—one of the finest, practically free from blight; rose color; productive. Peck, \$1.00; bushel, \$3.25; barrel, \$8.00.

Red Bliss Triumph, or Improved Red Bermuda. One of the earliest varieties grown; its great productiveness, handsome color and resistance to disease make it most popular. Peck, \$1.00; bushel, \$3.25; barrel, \$8.00.

"Prosperity" (the best second early and main crop potato). Yields great crops of even, fine, smooth, large potatoes, even under the most unfavorable circumstances, and can be relied upon to bring in good money. The flesh is as white as snow, and cooks dry and mealy. The eyes are even with the surface, the skin white, with rich, yellowish-creamy cast, and considerably ruffled or netted. Peck, \$1.00; bushel, \$3.40; barrel, \$8.50.

Green Mountain, or State of Maine. The best main crop potato now on the market; fine yielder; fine flavor; fine appearance. Free from blight and rot. Keeps well, and is always ready for the table. Peck, \$1.00; bushel, \$3.25; barrel, \$8.00.

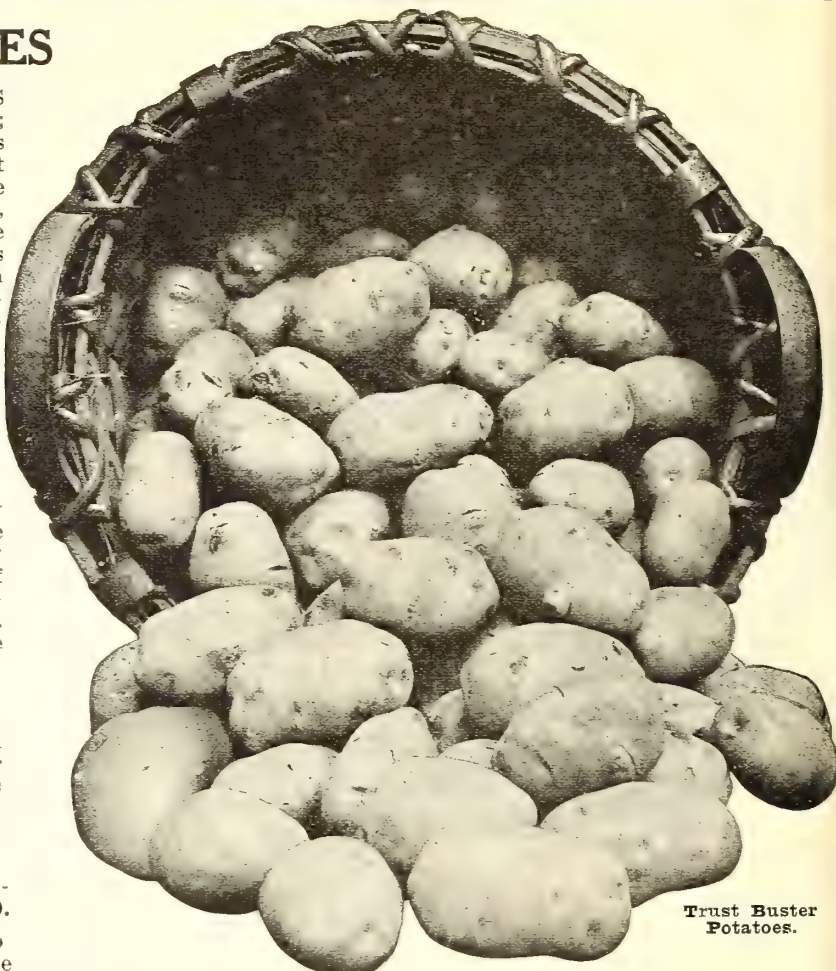
Spalding. Earliest Rose White in the world; good cropper; fine appearance. Peck, \$1.00; bushel, \$3.25; bbl. \$8.

American Giants. One of the most popular of the new heavy yielding potatoes. Pk. \$1; bus. \$3.25; bbl. \$8.

Burbank Seeding. An old standard, popular on account of its fine eating quality. Pk. \$1; bus. \$3.25; bbl. \$8.

Early Round Six Weeks. Ready for table in six weeks. Peck, \$1.00; bushel, \$3.25; barrel, \$8.00.

Ensign Bagley, or White Rose. An excellent cropper, smooth, not susceptible to disease. Peck, \$1.00; bushel, \$3.25; barrel, \$8.00.



Trust Buster Potatoes.

Plucky Batumore. Snowy white, about the size and shape of the Houlton Early Rose. They are enormously productive, yielding as much as 250 to 350 bushels per acre of most attractive, marketable potatoes. Peck, \$1.00; bushel, \$3.40; barrel, \$8.50.

Gray's Mortgage Lifter. It is an early variety, pure white, large handsome size, distinctive in shape, being long, well filled and tapering at both ends. Eyes are strong and well set, not too deeply, however. It certainly is a beauty. Peck, \$1.00; bushel, \$3.40; barrel, \$8.50.

McCormick. Should be planted in July and early in August. It is one of the heaviest yielders. Peck, 85 cts.; bushel, \$3.00; barrel, \$7.00.

SWEET POTATO ROOTS

CULTURE. Don't wait for a rain or a "season" to set out sweet potato plants. Harrow your ground well before laying it off, then throw up the ridges higher than you want them, and if the soil is very dry allow 2 to 3 days for the moisture to rise; then knock off the top of the ridge just ahead of planting; make a mud batter with water and clay loam, or, better, with the addition of fresh cow dung, about as thick as cream; dip the plants, in hands of about 20, into this, so that a large quantity of the mud clings to them.

Big Stem Sweet Potatoes. They are of fine size, and the yield has astonished our most critical trade. They make only a very few, and in some cases no small roots. The quality is first-class.

Jersey Sweet Potatoes. Are too well known to require any description. We get these from reliable growers in New Jersey.

Sweet Potato Plants. Rooted slips ready in May. The young plants should be set in May and June.

ALL PRICES SUBJECT TO MARKET CHANGES

6 Ounces of Seed will
Plant 100 - Yard Row.

RADISH

Eight to Twelve
Lbs. to the Acre.

Radishes are one of the most popular spring and summer vegetables, and it is easy by successive sowings to have a generous supply throughout the entire season.

We have divided the varieties into four classes, and call attention especially to the long-rooted sorts which remain in condition a long time before becoming pithy.

Suggest that you try the White Chinese Winter, sowing the seed the same time as recommended for turnips.



Scarlet Globe Radish.

CULTURE.

Radishes thrive best in a light, rich, mellow soil, and to bring out their mild qualities they must make quick and tender growth. Sow for very early use in hotbeds during the winter and early spring, or later on in sheltered borders in well-manured, deeply-dug and finely-raked soil. If not well stimulated into a rapid growth they become fibrous and tough. Sow in drills 10 inches apart and thin to 2 inches in the rows. Sow at intervals of 2 or 3 weeks until September for a succession. Sow winter varieties in July and August. Like the turnips, they make the best growth in the autumn, and must be taken out before severe frost and stored away in a cool cellar in sand or in a pit where they will keep tender and crisp all the winter. Before using put in cold water, which adds to their freshness.

Extra Early Round Varieties

79. Bolgiano's No. 2 Scarlet Globe Radish. Is the very best in every way. It is handsome in form and color, beautiful oval and rich scarlet. The amount of its foliage is small, compared with other varieties, and small for the size of the radish. The peculiar merit of this variety as a forcing radish is that it will bear the heat requisite for forcing without becoming pithy or spongy. The flesh is tender, juicy and mild. It is equally as good for open garden as for forcing, and therefore it commends itself equally to the amateur and market gardener. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 90 cts.

37. Vick's Scarlet Globe. A forcing radish. Small foliage; quick in growth; fine color and remains solid under all conditions. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

188. Model White Box. An early variety, very popular with market gardeners. Radishes grow 1 and 1 $\frac{1}{2}$ inches in diameter, with pure paper-white skin; crisp, mild flesh. Largely planted in the field for the earliest market crop. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

"Strawberry" Radish. A delicious, crisp, brilliant red radish. The very earliest, often ready for market in less than three weeks. It is a perfect globe shape, and so uniform that all the radishes look like they have been made in the same mold. If you have a home garden or if you grow for market, nothing will please you more or give you quicker returns for your efforts than this beautiful radish. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 90 cts.

91. Scarlet Turnip White-Tip Radish. Nature almost exhausted itself in making this beautiful radish to ornament the private table and embellish the market stall. It has been brought to our market two weeks after planting, and always is a very early crop for frames and for open ground culture. Some gardeners use it in 100-pound lots. It is annually grown more and more, and in demand everywhere. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.



Scarlet Turnip White Tip Radish.

193. Crimson

Giant.

This new radish is an entirely new type and differs radically from all the varieties hitherto in cultivation, in so far as its roots attain more than double the size of those of other turnip varieties, without getting pithy or hollow. This giant radish develops roots of 6 to 7 inches in circumference and over an ounce in weight, their pure white flesh remaining firm and crisp and of the mildest flavor, but notwithstanding the extraordinary size and weight of the roots. The seed should be sown very thinly to permit full development of the roots. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

Rosy Gem. Everybody wants this pretty, crisp, tasty little French radish, so showy with its brilliant cardinal red, contrasted with its immaculate white. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 90 cts.

Bolgiano's Round Scarlet Globe Radish. Rich scarlet color, faultless shape, matures in 20 days. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 90 cts.

10. Scarlet Olive-Shaped. This radish, olive shaped, has a distinct, bright-scarlet color. The whole crop maturing at one time makes it very desirable. It is among the best shippers. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

C47. French Breakfast. Elongated olive-shaped roots; color bright carmine with base of root and top root clear white. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 90 cts.

Early Long Varieties

74. Bolgiano's Early Long Red Glass. Quick growth, small top, bright color. The best forcing radish. This brilliant, uniform radish is not so large as the Long Scarlet Radish, but is similar in form and holds its size without losing its nice proportion. Market gardeners find it satisfies the market demands, and sells better than many other long radishes. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 90 cts.

95. Long Bright Scarlet, or Cardinal. Extra early, the roots being fit for use about 25 days after sowing; very bright color; quite unique; being the most fiery scarlet in any kind of radish. It is very slightly tipped with white, the flesh is crisp and tender. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

RADISH

Early Long Varieties



White Icicle Radish.

137. White Icicle. (See illustration.) A long radish, transparent white, small top, allowing close planting, and are very crisp and brittle. The Radishes remain in good condition for a long time while growing, allowing continuous use from one planting. **Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.**

123. Improved Early Long Scarlet Short Top. This improved strain of the Long Scarlet Radish is regarded by our most extensive gardeners to be the finest stock grown; for earliness, brilliancy of color and shortness of top, it cannot be surpassed, and it is the most profitable one to grow for an early crop. **Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.**

59. Cincinnati Market. This fine strain of the Long Scarlet Short-Top Radish has been selected for thirty years. The tops are so small that the radishes may stand touching each other in the rows. They grow perfectly straight and smooth and from 6 to 7 inches in length; and the flesh crisp and brittle and of delightfully pungent flavor. Equally as good for the open ground. **Pkt. 5 and 10 cts.; oz. 15**

cts.; ¼ lb. 25 cts.; lb. 75 cts.

104. White Vienna, or Lady Finger. A fine long white variety. The flavor is mild and sweet. **Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.**

Summer and Autumn Varieties

These summer radishes attain a larger size and remain in good condition for a longer length of time than do any of the earlier round and long varieties.

118. White Strasburg.

Of handsome oblong shape, tapering beautifully to a point. Both skin and flesh are pure white, almost transparent, very tender and of a delightful, pungent taste. It can be pulled five weeks from time of sowing the seed, yet it will continue to grow without losing its fine quality, and remains in a tender condition longer than any other summer sort. **Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.**

113. Chartier. Long, red radish with a white tip. Beautiful for bunching. **Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.**



White Strasburg Radish.

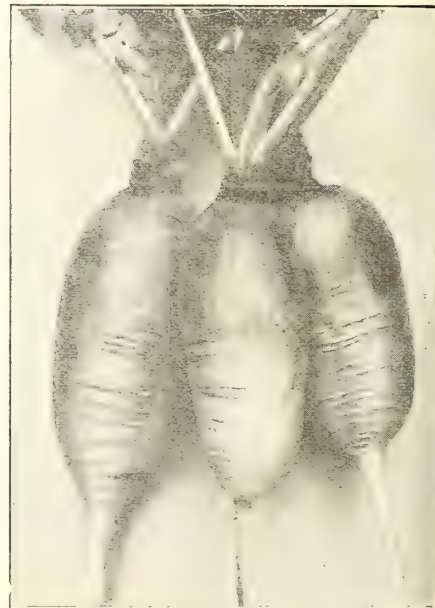
Summer and Autumn Varieties

114. Golden Globe Summer. Of globular form and yellow color. A splendid addition to the radish family. **Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 25 cts.; lb. 75 cts.**

Winter Varieties

The seed should not be sown until about July 1st, and if the rows are kept well cultivated the roots continue to make growth until early in the fall.

78. White Chinese, or California Mammoth. As solid and juicy as an apple, pure white flesh and delicious flavor—a very choice variety. Should be sown in June and July, and is ready for use when 3 ins. long, and continues to grow until it is 6 ins. long. A first-class winter radish and always attracts favorable comment at the table or on the market stall. **Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.**



China Rose Radish.

196. Round Black Spanish. Roots are round, sometimes top-shaped. Good keeper. **Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.**

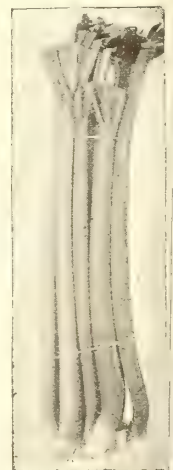
C29. Long Black Spanish. One of the latest and hardest radishes. **Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.**

157. China Rose, or Scarlet China. One of the most popular fall and winter sorts. Roots about 6 inches long. Skin smooth and of a bright rose color. Flesh very firm and crisp. **Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. 90 cts.**

RHUBARB

One Ounce of Seed Produces
500 Plants.

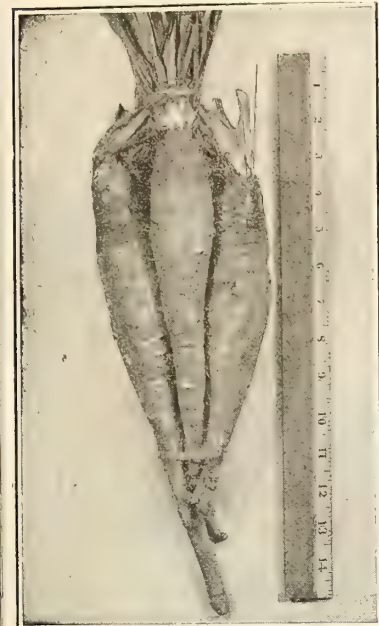
C42. Victoria. Very familiarly known as the Pie Plant. The foot stalk is the portion that is used and is the first vegetable of the season from the garden; cultivated to a great extent and is indispensable wherever it is known. Sow the seed early in the spring in rows 1 foot apart on rich ground; the second year after planting they can be removed in autumn to the permanent spot allotted to them; plant the roots 2 feet apart each way in ground that is well enriched, at least 2 feet deep. **Pkt. 5 and 10 cts.; oz. 15 cts.; ¼ lb. 30 cts.; lb. \$1.00. Roots, \$1.00 per dozen—add 25 cts. per dozen if sent by mail; \$7.00 per 100.**



Rhubarb.

SALSIFY, or OYSTER PLANT

One Ounce for 50 Feet of Drill; 10 Pounds to an Acre.



Salsify or Vegetable Oyster.

CULTURE. A fine vegetable, used the same as carrots or, having been boiled, made into cakes and fried like oysters, which they resemble in flavor. Cultivate the same as carrots and parsnips. It is hardy, can remain in the ground all winter for early spring use, but should be taken up before it starts growing; take up a supply for use during the winter. Succeeds best in a light, well-enriched, mellow soil. Sow early in the spring in drills 15 ins. apart, 1 inch deep; thin to 6 inches in the rows.

116. Sandwich Island

Mammoth. One of the most delicious of winter vegetables, and also one of the most nutritious; the flavor is sweet and highly esteemed. This variety, where known, is entirely superseding the old type, as it produces roots nearly double the size and weight, and of equally good quality. Pkt. 5 and

Bolgiano's Great Giant.

By far the largest, smoothest, most tender salsify ever sold to the trucker. Its delicious flavor and attractive appearance bring the buyers and holds their trade. It easily outsells every other salsify, and outyields all other varieties. Truckers who have tried the "Great Giant" say it is ideal. Pkt. 5 and 10 cts.; oz. 20 cts.; 1/4 lb. 60 cts.; lb. \$2.00.

15 to 20 Lbs. in Drills an Acre.

SPINACH

Two Ounces for 100 Feet of Drill.

CULTURE. This is an important market gardener's crop, of easy culture. For spring and summer use sow either broadcast or in drills 1 foot apart and 1 inch deep as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use sow in September in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich; the stronger the ground the more delicate and succulent will be the leaves.



True Bloomsdale Curled or Savoy Spinach.

Bolgiano's Selected Bloomsdale Savoy.

A mammoth seeded selection that possesses a vitality and vigor of growth and far outyields any other variety. After many years of tireless effort at breeding we are pleased to be able to offer a limited quantity of this improvement on the old standby. So we would advise your early orders, for when our stock gives out, you will have to wait until our new crop is harvested. Pkt. 5 cts.; oz. 10 cts.; 1/4 lb. 20 cts.; lb. 50 cts.

SPINACH

Curled Long Season. A spinach that is curled like the old standard sort, the Bloomsdale Savoy Spinach, yet much more vigorous in growth, large and very handsome. It stands the hot summer heat, and yet has tender leaves. It is positively the best spinach to be grown in the spring and summer. Pkt. 5 cts.; oz. 10 cts.; 1/4 lb. 15 cts.; lb. 35c.

True Bloomsdale Curled Savoy. Its growth is rapid and leaf is properly curled, which gives it a very attractive appearance. It is the favorite with the largest growers. Pkt. 5 and 10 cts.; 1/4 lb. 15 cts.; lb. 35 cts.

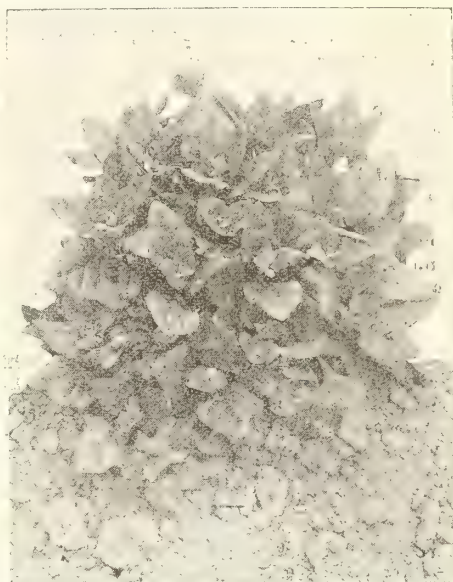
Improved Curled Long-Standing. The foliage is heavy, the broad, dark green leaves are of the finest quality. It is in prime condition from two weeks to three weeks after other varieties of spinach have run to seed. Pkt. 5 cts.; oz. 10 cts.; 1/4 lb. 15 cts.; lb. 35 cts.

Monstrous, or Viroflay. A valuable variety; has large, round, thick leaves. Pkt. 5 cts.; oz. 10 cts.; 1/4 lb. 15 cts.; lb. 35 cts.

New Victoria Spinach. The foliage is heavy, the broad dark green leaves are of the very finest quality. Pkt. 5 cts.; oz. 10 cts.; 1/4 lb. 15 cts.; lb. 35 cts.

Spring Spinach.

The most valuable for spring sowing. Its long-standing quality makes it the best for that purpose. The foliage is very attractive heavy dark green, curled leaves, of the true Savoy appearance. It will stand from 2 to 3 weeks after other varieties of spinach have shot to seed. It can be planted all spring and summer with surety of making a crop. Pkt. 5 cts.; oz. 10 cts.; 1/4 lb. 15 cts.; lb. 35 cts.



New Zealand Spinach.

C51. New Zealand (Tetragonia expansa). This is very different in character of growth, and when started early in the spring the plants will resist hot weather and produce right up until hard freezing weather sets in an abundance of thick, fleshy succulent leaves. Pkt. 5 and 10 cts.; oz. 15 cts.; 1/4 lb. 25 cts.; lb. 75 cts.

TOBACCO

Choice Selected Seed

6. CONNECTICUT SEED LEAF. Well-known standard variety. Pkt. 10 cts.; oz. 50 cts.; 1/4 lb. \$1.65; lb. \$6.00.

184. HAVANA. Grown from imported seed. Pkt. 10 cts.; oz. 50 cts.; 1/4 lb. \$1.75; lb. \$6.50.

169. IMPROVED WHITE BURLEY. A most popular variety. Pkt. 10 cts.; oz. 45 cts.; 1/4 lb. \$1.35; lb. \$5.00.

182. PENNSYLVANIA SEED LEAF. The variety which is so largely planted in Lancaster County, Pennsylvania. Pkt. 5 cts.; oz. 40 cts.; 1/4 lb. \$1.10; lb. \$4.00.

To the Acre: 2 to 3 lbs., Large Seeded kinds. Bush kinds, 3 to 4 lbs.

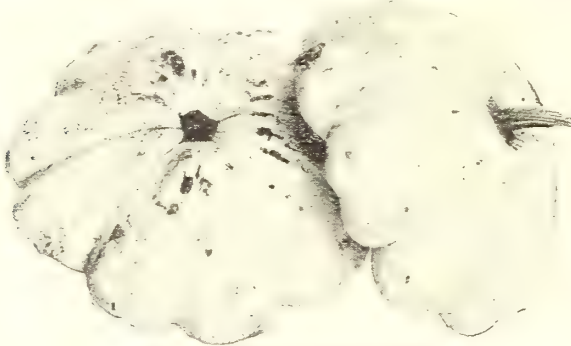
SQUASH

1 oz. Bush Varieties for 40 Hills.
Large Seeded Varieties, 1 oz. 15 Hills.

CULTURE. Sow in hills in the same manner and at the same time as cucumbers and melons, the bush varieties 3 to 4 feet apart, and the running kinds from 6 to 9 feet apart.

There are two kinds of squashes—one for summer use for cooking in the tender green state, and the other for storing for winter use.

Owing to the high cost of meat, one should arrange for a bountiful supply of both the Summer and Winter varieties, as the former may be fried and served like egg-plant and the latter are very palatable when stewed and served alone or made into pies.



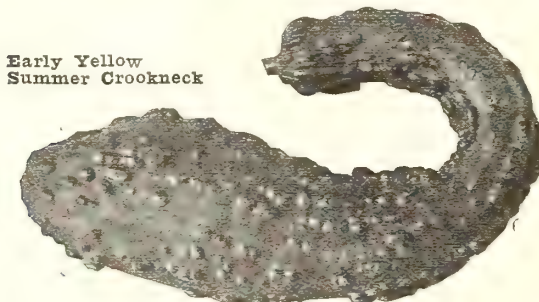
Farr's Benning White Bush.

82. Farr's Benning White Bush. It is with great satisfaction that we can continue to offer this unrivaled Squash. For the past twenty-five years this stock has furnished the earliest squash to come on our market. In productiveness also it excels other varieties, being an exceptionally heavy cropper. The color is a beautiful green tinted white possessed by no other variety. The flavor is delicious, having few small seeds and is an excellent cooker. The strain which we offer is that originated by Mr. N. E. Farr and has been grown under our own supervision so as to constantly maintain and improve the quality. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

208. Bolgiano's Extra Early Dawn. It is earlier than the majority of the other stocks of White Bush Squash, and commands the first Fancy Prices of the earliest market. It is very productive, and the clear white color is entirely free from any green cast. Fruits are solid and heavy, with small seed cavity, making excellent shipper. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

New Extra Early Jersey White Bush. An extra early strain of the White Bush. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

Golden Custard, or Yellow Bush Mammoth. A very early, flat, scalloped variety of largest size; skin a deep orange; flesh pale yellow and well flavored. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.



Early Yellow Summer Crookneck

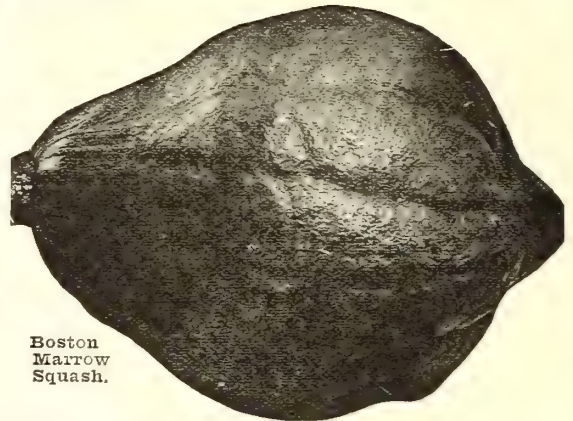
159. Early Yellow Summer Crookneck. A desirable table sort, very early and productive—fruits when matured small crooknecked and covered with warty excrescences. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

111. Early White Bush Scalloped, or Patty Pan. This is the earliest; grown almost exclusively for the first crop. The rind is hard texture, which makes it suitable for shipping and it is exclusively grown in the South for that purpose. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

016. Italian Vegetable Marrow. Fine grained flesh of excellent flavor. Fruits large, oblong shaped, dark green at first, but as they mature become marbled with yellow and lighter green stripes. The young fruits may be fried in oil. Fine grained, tender and of excellent flavor. Pkt. 5 and 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00, postpaid.

Winter Squash

40. Early Prolific Orange Marrow. A comparatively new fall or winter variety. It is shaped somewhat like the Boston Marrow, but it is a decided improvement on it, being much earlier and more productive. These characteristics will commend this variety to market gardeners while its brilliant orange-red color and fine keeping and cooking qualities make it popular with the customer. The rind is very hard, but thin, and the flesh deep, fine grained, and of delicate quality. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 80 cts.



Boston Marrow Squash.

203. Fordhook. This may be grown for Summer or Winter use. It is of strong, vigorous growth and extremely productive. The fruits measure 8 to 10 inches long, have ridged smooth thin brownish-yellow skin; flesh is thick and of a light yellow color. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

Chicago Warted Hubbard. A superior strain of mammoth size with skin heavily warted. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 45 cts.; lb. \$1.50.

152. Hubbard. A superior variety and one of the best winter keepers; flesh bright orange-yellow, fine grained, very dry, sweet and rich flavored. Bakes very dry, equally as dry as the Sweet Potato. Our stock is the very best, and we don't hesitate to recommend it to the most critical planter. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

75. Winter Crookneck. Flesh red, fine flavor, largely grown for winter use. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

96. Boston Marrow. A splendid winter squash of good keeping qualities. Flesh bright orange, fine grain, and unsurpassed. It is oval-shaped, and thin skin of bright orange color. For pies it is equal to the best pumpkins. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 80 cts.

We Prepay Postage
on All Tomato Seed.

TOMATO

6 to 8 Ozs. to an Acre;
1 Ounce to 1,500 Plants.

Tomatoes represent another important member of the vegetable family. Every garden should have at least one dozen plants, and more if space will allow, as any surplus fruit may easily be canned. Do not overlook the small-fruited sorts—these make delicious tomato butter.

CULTURE. The seed may be started in hotbed in March, or sufficient plants for family use can be grown in pots or boxes indoors with very little trouble. Be particular to give plants the benefit of fresh air and sun whenever judicious, for the purpose of hardening them, and cover with mats when necessary to prevent them from frosting. The two extremes of heat and cold are equally injurious. It is customary with the best gardeners to remove the plants from hotbeds to the cold frames, allowing a distance of several inches between the plants. In May select and prepare the soil and set the plants 3 feet each way. Hoe and draw earth to the stems. When the plants crowd, the fruit will be small. Have the soil very rich. For general crop sow from the middle of April or during May, in the open air, selecting good soil in a location much exposed to the sun and sheltered by a hill or woods on the north.

The Bolgiano
Tomato.

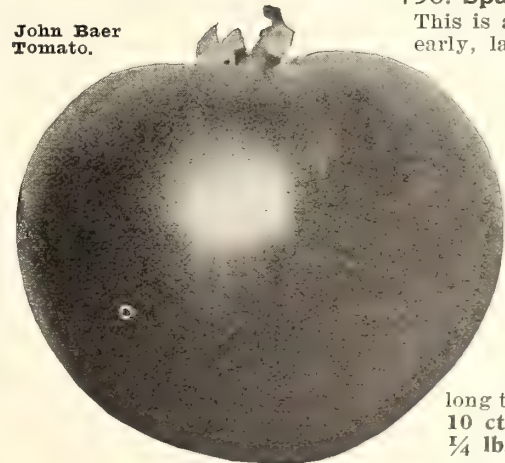


The Bolgiano Tomato. The most wonderful yielder ever known, two weeks earlier than the Earliana. First fruit as good as the prime of the season. A solid mass of red, meaty flesh. Skin tough, flesh tender and sweet. Stands long-distance shipping perfectly. See description on page 3. Pkt. 25 cts.; ½ oz. \$1.25; oz. \$2.25; ¼ lb. \$7.50; lb. \$25.00.

168. Red Cross Blight Resistant Tomato. Its chief advantage is that the vines are resistant to both rust and wilt to a remarkable degree. It has very strong, healthy vines. Thus it becomes a more prolific bearer than other varieties, and the rich scarlet fruit continue to be borne throughout a longer season. Its beautifully shaped fruit and regularity of size particularly recommend it for the most particular market trade, while its thick, juicy meat and small sparsely seeded cavities will please the most particular appetite. As a variety for both home and commercial use, we feel it has no peer. It is medium in its season. Pkt. 10 cts.; oz. 75 cts.; ¼ lb. \$2.75; lb. \$10.00.

212. John Baer Tomato. (SPECIALTY, see page 3.) "John Baer" Tomato produces perfect, solid, high crown, beautiful brilliant red shipping Tomatoes in thirty days from strong plants grown in veneer bands or from potted plants if the roots are undisturbed when set out. Pkt. 5 and 10 cts.; oz. 70 cts.; ¼ lb. \$2.25; lb. \$8.00.

John Baer
Tomato.



138. Spark's Earliana. This is a most desirable early, large, smooth tomato. Perfect as to shape, color and quality. It is beautiful red and ripens thoroughly, even to the stem end. Almost seedless and very solid. The plants bear the fruit in large clusters and continue in bearing for a long time. Pkt. 5 and 10 cts.; oz. 35 cts.; ¼ lb. \$1.15; lb. \$4.

The Capitol Tomato.

Red Tomatoes

A67. Bolgiano's Capitol Tomato. The finest introduction since John Baer. Early, heavy producer of deep red perfect fruit. See description on page 3. Pkt. 25 cts.; ½ oz. \$1.25; oz. \$2.25; ¼ lb. \$7.50; lb. \$25.00.

Bolgiano's "Glory" Tomato. Outyields and outsells any Tomato on the market. The yield of "Glory" Tomato is marvelous. Produces at every joint large clusters of good size, smooth, firm, beautifully shaped fruits, uniform in shape, color and size. At times the vines are so full that they can hardly hold all the fruit that they produce. They ripen evenly and color up well. Keep vigorous and green until frost and are then full of fruit. Pkt. 10 and 15 cts.; oz. \$1.50; ¼ lb. \$5.00; lb. \$15.00.

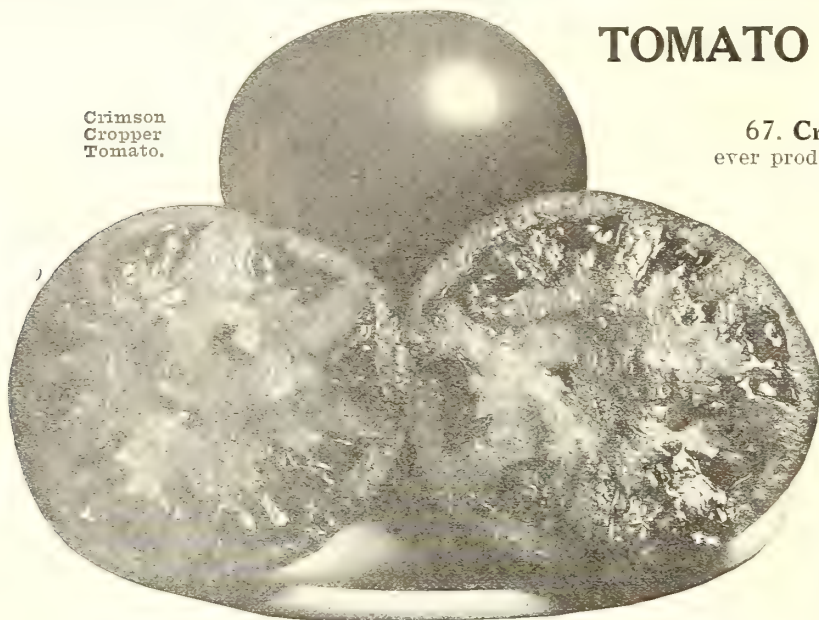
155. "Bonny Best" Early. For ten years it has been selected for earliness, solidity, smoothness and evenness of ripening up to stem. 15 days earlier than the Beauty Tomato, and nearly as early as the Earliana. Vigorous grower; bright red color, enormously productive, with a vigorous growth of foliage which protects the fruit from being scalded by the direct sun. Pkt. 5 and 10 cts.; oz. 35 cts.; ¼ lb. \$1.15; lb. \$4.00.

I. X. L. Bolgiano's Extremely Early Tomato. Early, largest, most prolific. Pkt. 5 and 10 cts.; oz. 40 cts.; ¼ lb. \$1.25; lb. \$4.50.

TOMATO

Red Tomatoes

Crimson
Cropper
Tomato.



67. Crimson Cropper. One of the earliest tomatoes ever produced, and added to this is an exceptionally heavy cropper. Thus the grower cannot only command the high prices of an early market, but has a large crop to sell at attractive figures. This tomato is deep red in color and has a solid mass of meaty flesh containing no watery seed cavities and no green cores. The tough skin, together with its long keeping qualities, help make it a splendid shipper. In the field it is not likely to be ever affected by sun scald, for the fruits are well protected by heavy foliage. This we believe to be one of the most promising varieties we have ever introduced. **Pkt. 10 and 25 cts.; oz. \$1.50; ¼ lb. \$5.00; lb. \$15.00.**

61. Stone. This variety is very large and of a bright scarlet color; very smooth, ripening evenly to the stem without a crack, exceedingly solid; is an excellent shipper; quality very best; fine for canning; a good keeper; without hard core; not subject to rot; its vines and foliage rank and robust. **Pkt. 5 and 10 cts.; oz. 35 cts.; ¼ lb. \$1.15; lb. \$4.00.**

Prosperity. The Wonder among new early tomatoes. The earliest of all tomatoes, a brilliant red, an enormous yielder. Grown and developed from single plant, selections covering a period of five years, filled full of strong, sturdy, healthy, new blood. **Pkt. 5 and 10 cts.; oz. 45 cts.; ¼ lb. \$1.35; lb. \$5.00.**

Trophy. Very large, solid, extra selected; free from roughness of the old strains. **Pkt. 5 and 10 cts.; oz. 35 cts.; ¼ lb. \$1.15; lb. \$4.00.**

217. Chalk's Early Jewel. One of the best early varieties with vigorous vines producing many deep scarlet, smooth fruits of large size and excellent quality. They ripen early and the pickings continue through a long season. One of the best second early sorts, and on account of its large size, splendid quality and productiveness, very satisfactory for the home garden. **Pkt. 5 and 10 cts.; oz. 35 cts.; ¼ lb. \$1.15; lb. \$4.00.**

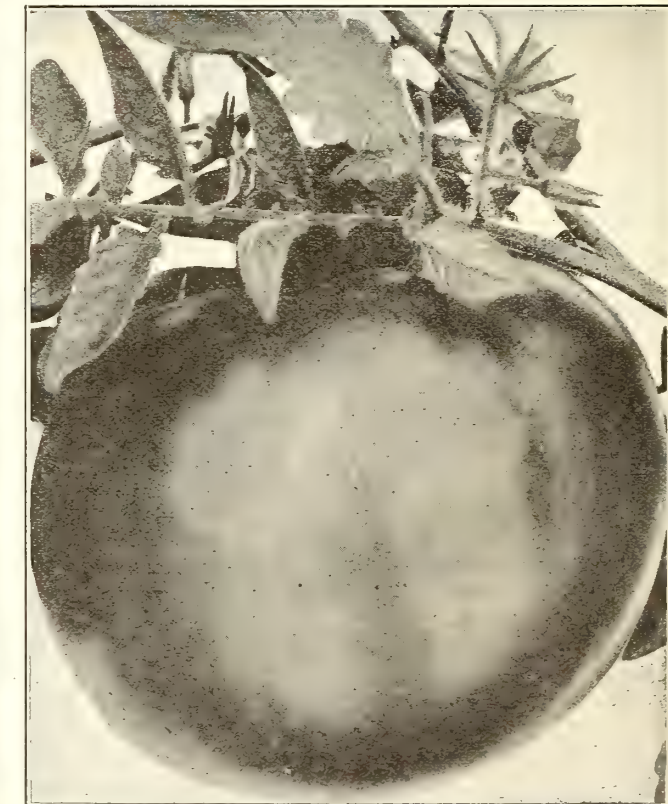
My Maryland. A wonderful "Double Yielding" Tomato, entirely distinct. Never before has there been a vegetable so remarkable. It is simply startling in its immense productiveness. **Pkt. 5 and 10 cts.; oz. 50 cts.; ¼ lb. \$1.65; lb. \$6.00.**

C17. Livingston's Favorite. As the name implies, this variety has long been a favorite with canners and the home trade. Favorite is one of the best shaped, large, bright red tomatoes. The fruit ripens evenly, is always smooth and holds its size to the end of the season. Flesh is of good flavor and very solid. **Pkt. 5 and 10 cts.; oz. 35 cts.; ¼ lb. \$1.15; lb. \$4.00.**

King of the Earlies Tomato. Large and productive; very early. **Pkt. 5 and 10 cts.; oz. 40 cts.; ¼ lb. \$1.25; lb. \$4.50.**

Livingston's Paragon. Bright red, round; very productive. **Pkt. 5 and 10 cts.; oz. 35 cts.; ¼ lb. \$1.15; lb. \$4.00.**

8. Matchless. Flesh very solid, deep red color; uniform size. **Pkt. 5 and 10 cts.; oz. 35 cts.; ¼ lb. \$1.15; lb. \$4.**



Greater Baltimore Tomato.

Great Falls, S. C., April 25, 1921.

F. W. BOLGIANO & CO.,
Washington, D. C.

Gentlemen,—Please send me two large packages of your Red Cross Tomato Seed. I sure do like your Red Cross Tomato. I think it is the finest of all.

Yours respectfully,

MRS. R. E. BOWERS.

TOMATO

Red Tomatoes

Bolgiano's "Florida Special" Tomato.

Not a single grower of Tomatoes in Florida or in any locality where blight has injured the tomato crops, should go through this season without trying this most excellent new tomato. We call it "Florida Special," for it has been most carefully bred up to resist the ravages of blight which has been so discouraging to our Florida customers. It is red in color, large in size, fine flavored, firm and meaty, very prolific, and about as early as the Earliana and a most excellent shipper. Pkt. 5 and 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4.50.

Florida Special Tomato.



Kelly Red, or Wade Tomato.

This splendid Red Tomato originated in Anne Arundel County, Md., and through its superior qualities it has become the tomato most largely used in that section. It is large, meaty, and an abundant yielder, and withstands unfavorable conditions remarkably well. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.15; lb. \$4.00.

141. Bolgiano's Best, The Great B. B. It has every good quality pertaining to the Tomato, and avoids all faults of other sorts. One of the smoothest, most solid, heaviest and most handsome tomatoes grown. The B. B. is as solid as an apple, has no core, and the flavor is excellent. It weighs more pounds per bushel than other sorts, which proves its solidity; it has a beautiful red color; the fruits are quite large. Used successfully for early and late crops. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.15; lb. \$4.00.

136. New Century Tomato. The size, yield and productiveness of this tomato is beyond question a mark that has few equals in tomatoes. It will carry for two weeks without harming its red beauty or cracking. It maintains its wonderful size during the entire season. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.15; lb. \$4.00.

222. Red Rock. One of the standard varieties of average to late season. It is one of the best croppers, producing many fruit of even size. It is remarkably smooth and has a splendid texture. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.15; lb. \$4.00.

Pink Tomatoes

44. June Pink Tomato. The pleasing color, with its splendid large size and firmness, is all that can be expected. We get our seed each season from the originator, knowing as we do that he who introduced it will take best care to see that his seed is as nearly perfect as possible. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.15; lb. \$4.00.

28. Livingston's Globe. We can hardly speak too well for this tomato; introduced in Ohio, it has gradually increased in demand until now it is one of the leaders. Large, purplish-pink, solid; comes immediately after the earliest sorts. Enormously productive. Pkt. 5 and 10 cts.; oz. 45 cts.; $\frac{1}{4}$ lb. \$1.35; lb. \$5.00.

47. Bolgiano's Grand. Few introductions of late years have taken as well as this **Grand New Tomato**. It has become a standard main crop tomato. The large, smooth, pink fruit makes it the finest tomato that has come to the Washington market the past three seasons. We are sure that wherever it has once been used it will be used again. Pkt. 5 and 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4.50.

90. Bolgiano's Prize-Taker. Its beautiful, glossy purplish-pink color, combined with its large size, smoothness, solidity, weight and productiveness, make it the most profitable tomato grown by the market gardener. It can be picked before it is ripe, and will ripen finely, making it one of the best shippers. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.15; lb. \$4.00.

52. Livingston's Beauty. Fine, large, purplish pink. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.15; lb. \$4.00.

C24. Ponderosa. Largest tomato that grows; a decidedly family favorite; less acid than others. Pkt. 5 and 10 cts.; oz. 45 cts.; $\frac{1}{4}$ lb. \$1.35; lb. \$5.00.

C22. Trucker's Favorite. A very large, purple tomato, free from crack or rot. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.15; lb. \$4.00.

151. Acme. Very early; good size; purple in color; good bearer. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.15; lb. \$4.00.

C2. Dwarf Champion. Dwarf habit, early, prolific; of a pink-purplish color. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.15; lb. \$4.00.



Improved Livingston's Globe Tomato.

New Splendid.

A good second early tomato. While not quite as early as the June Pink, yet it has good character and is productive. The fruit is large and continues to bear well for a long time. Pkt. 5 and 10 cts.; oz. 45 cts.; $\frac{1}{4}$ lb. \$1.35; lb. \$5.

Yellow Tomatoes

C10. Golden Queen. Large, solid, bright yellow; favorite with home gardeners; delicious flavor. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.15; lb. \$4.00.

C3. Pear-Shaped Yellow. Bright yellow, used for preserves. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.15; lb. \$4.00.

C35. Plum-Shaped Yellow. Bright yellow, used for preserves. Pkt. 5 and 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.15; lb. \$4.00.

207. Red Cherry. Little fruits; bright red. Pkt. 5 and 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.15.

1 Oz. for 200 Feet Drill.

TURNIPS

2 Lbs. for the Acre.

CULTURE. They do best in highly enriched, light, sandy or gravelly soils. Commence sowing the earliest varieties in April in drills from 12 to 15 inches apart, and thin out early to 6 or 9 inches in rows. For a succession sow at intervals of a fortnight until the last week in July, from then until the end of August sowing may be made for the fall and main crop. Turnips may be preserved until spring by cutting off the tops about 1 inch from the bulb, storing in the cellar or cold shed during the winter, covering the roots with dry sand. They should be harvested before the severe frost sets in, for, though comparatively hardy, few will survive the winters of the Northern States in the open ground.

110. Purple Top White Globe. Our stock is the perfection of Turnips. It has small tops, but large, well-formed, handsome roots. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

199. Early Red, or Purple Top Strap-Leaf. A well-known standard, popular, early sort. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

C41. Early White Flat Dutch. Very popular for spring sowing; fine for market. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

84. Extra Early Mailan Purple Top. Tops are very small, strap-leaf, and grow erect. Roots are small and flat; skin purple to pure white below. Flesh is clear white. It's a beauty. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

C18. Extra Early White Milan. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

62. White Egg. Is very handsome; pure white; excellent for early or late. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

C16. Golden Ball, or Orange Jelly. One of the sweetest flesh yellow Turnips yet introduced; not of large size, but firm, hard, and of excellent flavor; good keeper and superior table variety; of bright golden orange color. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

119. Yellow, or Amber Globe. Vigorous grower; fine keeper. A very desirable variety, attaining large size. The (roots are rather oval-shaped, flesh orange-yellow. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

139. Yellow Aberdeen. Fine for table or cattle. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

C15. Seven Top. Very hardy; grown for leaves, which are used for salads. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

Southern Prize, or Dixie. Makes large, round, white Turnips in addition to salad; hardy and needs no protection, the most popular winter and spring salad grown. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

Ruta Baga, Long Island Special. This selection produces little or almost no neck at all, making it an ideal for the trucker. Excellent variety for table use. Flesh golden; very sweet, not the least bit stringy or tough. Far superior to any of the other varieties, and much nicer than the Swede Turnip. Solid and crisp until spring. Never gets pethy. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

148. Improved Purple Top Yellow Ruta-Baga. Finely bred strain. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

C19. Long Cow Horn, or White French. A heavy cropper, best for stockmen. Pkt. 5 and 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

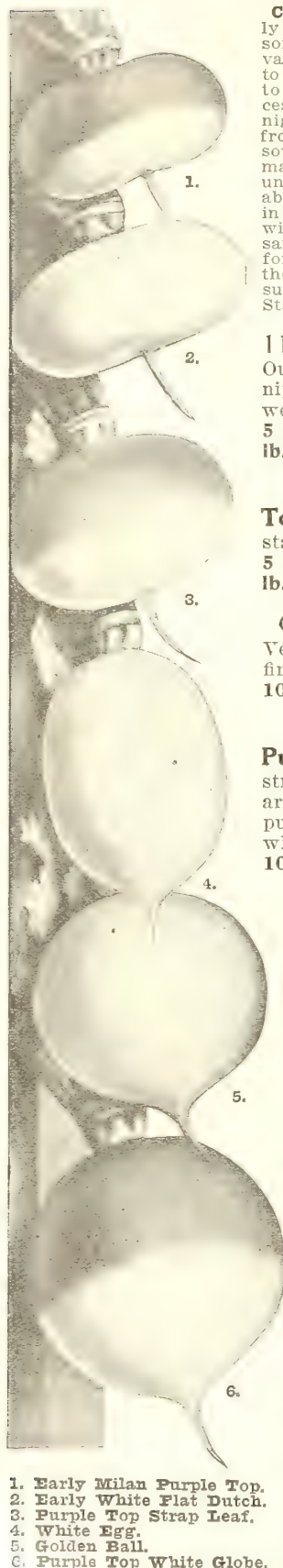
Large White Norfolk. It is allowed to stand out during the winter in the South. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

Pomeranian White Globe. Good either for table or stock; very productive. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

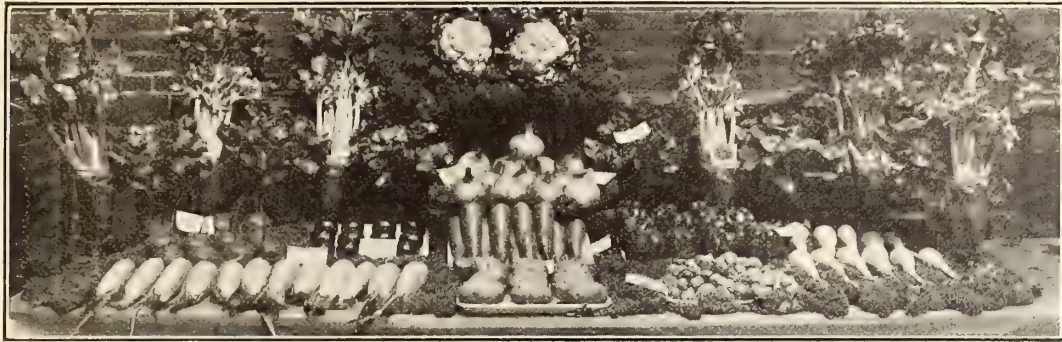
HERBS

All gardens should have some space devoted to the more important Pot Herbs. A few varieties are grown solely for the seed produced, which is used for flavoring cakes, bread, confectionery, etc. The young stems and leaves of the plants used for flavoring may be gathered in the green state, or in the fall the entire plant may be pulled up and carefully placed in a dry room, and thus assure a winter's supply.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
163. ANISE. Seeds used for flavor.	10c	15c	40c	1.50
5. BASIL SWEET. Culinary herb used for flavoring soups, etc.....	5c & 10c	30c	85c	3.00
164. CARAWAY. Cultivated for its seeds	5c & 10c	15c	40c	1.50
16. CATNIP. Leaves are used for seasoning	5c & 10c	30c	85c	3.00
165. CORIANDER. Seeds are used for flavoring	5c & 10c	15c	40c	1.50
13. DILL. Mammoth. For sowing. Seeds used for flavoring vinegar	5c & 10c	15c	40c	1.50
16. FENNEL FLORENCE. Grown for the enlarged leaf stalks	5c & 10c	25c	85c	3.00
16. FENNEL SWEET. Leaves used in sauces	5c & 10c	25c	85c	3.00
30. LAVENDER. True. For oil and distilled water	5c & 10c	50c	1.35	5.00
9. MARJORAM. Sweet. Is used for seasoning	5c & 10c	50c	1.35	5.00
31. SAGE. Broad-leaf. A culinary herb; also used in medicine.	5c & 10c	50c	1.35	5.00
19. SUMMER SAVORY	5c & 10c	25c	85c	3.00
18. THYME. Broad-leaved English. Is used as a seasoning	5c & 10c	50c	1.35	5.00



1. Early Milan Purple Top.
2. Early White Flat Dutch.
3. Purple Top Strap Leaf.
4. White Egg.
5. Golden Ball.
6. Purple Top White Globe.



Grown
in the
Suburban
Garden
from
Bolgiano's
Seed

Grown
in the
Suburban
Garden
from
Bolgiano's
Seed

Bolgiano's Small Back Yard Garden Collection

It is surprising to know the large quantity of vegetables you can grow in your back yard. Spend your spare moments growing your own delicious vegetables. They are better than money can buy.

1 oz. Bolgiano's Superb Beet	15c
1 pkt. Danver Half Long Carrot	10c
1 pkt. Swiss Chard White Ribbed	10c
1 pkt. Big Boston Lettuce	10c
1 pkt. Scarlet Globe Radish	10c
1 pkt. Green Mountain Parsley	10c
1 pkt. New Spring Spinach	10c
1 pkt. Early Milan Turnip	10c
1 pkt. Capitol Tomato	10c
1 pkt. Southport White Globe Onion	10c
1/2 pt. Bolgiano's Stringless Bean	20c

\$1.25

Eleven different varieties cost buying separately \$1.25. We will mail this collection to your address for \$1.00, postpaid.

Bolgiano's Suburban Garden Collection

If you have a suburban home, a garden will profit you, always supplying plenty of fine fresh vegetables. Nothing will add to health more than working each day in your own garden—takes all the business cares away and rests the mind. Say, it is real manual exercise. It is a treat to have a garden.

1 pt. Bolgiano's Stringless Bean	30c
1 pt. Bolgiano's New Wax Bean	25c
1 pt. Bolgiano's Emerald Isle Pole Lima	35c
1 oz. Bolgiano's Superb Beet	15c
1 oz. Detroit Dark Red Beet	15c
1/2 pt. Bolgiano's Extra Early Harvester Corn	15c
1/2 pt. Stowell Evergreen Corn	15c
1 pkt. Early Scarlet Horn Carrot	10c
1 pkt. Danver Half Long Carrot	10c
1 pkt. All Head Early Cabbage	10c
1 pkt. Late Flat Dutch Cabbage	10c
1 oz. Swiss Chard White Ribbed	15c
1 pkt. Brussell Sprouts Paris Market	10c
1 pkt. Cauliflower Snowball	10c
1 pkt. Easy Blanching Celery	10c
1 pkt. Early Fortune Cucumber	10c
1 pkt. Snow Pickling Cucumber	10c
1 pkt. Kohl-Rabi White Vienna	10c
1 pkt. Long Standing Kale	10c
1 pkt. Endive White Curled	10c
1 pkt. Big Boston Lettuce	10c
1 pkt. Bolgiano's Masterpiece Lettuce	15c
1 pkt. Prize Taker Onion	10c
1 pkt. Southport White Globe Onion	10c
1 pkt. Mustard Ostrich Plume	10c
1 pkt. Parsley Green Mountain	10c
1 pkt. Ruby King Pepper	10c
1 pt. Bolgiano's Early Springtime Peas	30c
1 pt. Bolgiano's Early Bird Peas	35c
1 pt. American Wonder Peas	30c
1 oz. Scarlet Globe Radish	10c
1 oz. White Icicle Radish	10c
1 oz. Spinach New Spring	10c
1 pkt. Salsify Sandwich Island	10c
1 pkt. Farr's Benning Squash	10c
1 pkt. Capitol Tomato	25c
1 pkt. Red Cross Rust Resistant Tomato	10c
1 pkt. Early Milan Turnip	10c
1 pkt. Purple Top White Globe Turnip	10c

\$5.60

This is an ideal collection—39 varieties—plenty of seed to plant all during the season. We will mail this collection for \$5.00, postpaid. You save 10% ordering this way.

Bolgiano's Country Garden Collection

Many Country Gardens fail to grow the quantity and quality of vegetables they should, due often times to inferior seed.

We offer you in this collection all selected stocks that should please the most critical grower both in quality and yield.

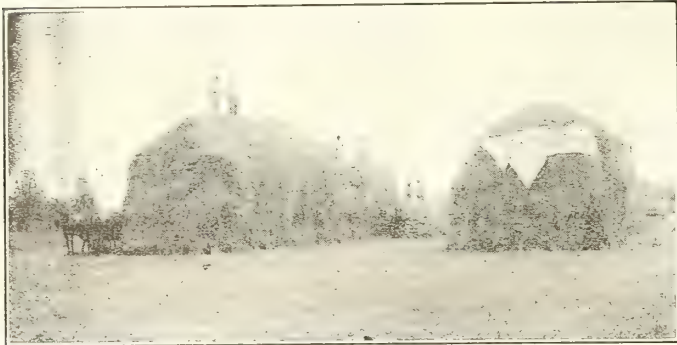
1 qt. Bolgiano's Stringless Green Beans	35c
1 qt. Bolgiano's New Wax Beans	40c
1 qt. Bolgiano's Enormous Bush Lima	60c
1 qt. Bolgiano's Emerald Isle Pole Lima	50c
1 pt. Kentucky Wonder Pole Beans	30c
1 oz. Swiss Chard Lucullus	15c
1 oz. Brussell Sprouts Perfection	25c
1 oz. Bolgiano's Superb Beet	15c
1 oz. Crosby Egyptian Beet	15c
1 oz. Detroit Dark Red Beet	15c
1 oz. New Early Cabbage	25c
1 oz. Late Flat Dutch Cabbage	25c
1 pkt. Snowball Cauliflower	25c
1 pkt. Ox-Heart Carrot	10c
1 pkt. Danver Half Long Orange Carrot	10c
1 pkt. French Golden Self-Blanching Celery	10c
1 pkt. Easy Blanching Celery	10c
1 pt. Bolgiano's Extra Early Harvester Corn	25c
1 pt. Stowell Evergreen Corn	20c
1 oz. Early Fortune Cucumber	15c
1 oz. Snow's Pickling Cucumber	15c
1 pkt. Black Beauty Egg Plant	10c
1 pkt. Endive White Curled	10c
1 pkt. Kale Long Standing	10c
1 oz. Big Boston Lettuce	15c
1 oz. Bolgiano's Masterpiece Lettuce	50c
1 oz. Bolgiano's Sweet Air Cantaloupe	25c
1 pkt. Kleckley Sweet Watermelon	10c
1 pkt. General Pershing Watermelon	10c
1 oz. Prizetaker Onion	20c
1 oz. White Silver Skin Onion	25c
1 oz. Hollow Crown Parsnip	15c
1 pkt. Parsley Green Mountain	10c
1 pkt. Sweet Mountain Peppers	10c
1 qt. Bolgiano's Early Springtime Peas	50c
1 qt. Bolgiano's Early Bird Peas	60c
1 qt. American Wonder Peas	50c
1 oz. Connecticut Pumpkin	15c
1 oz. Bolgiano's Scarlet Globe Radish	15c
1 oz. White Icicle Radish	15c
1 pkt. Salsify Sandwich Island	10c
1/4 lb. Spinach Early Spring	15c
1 oz. Farr's Benning Squash	15c
1 oz. Boston Marrow Squash	15c
1 oz. Capitol Tomato	\$2.25
1 oz. Red Cross Rust Resistant Tomato	70c
1 oz. Extra Early Milan Turnip	15c
1 oz. Purple Top White Globe Turnip	10c

This wonderful collection of 47 different varieties produces continuous supply of good things all during the season—buying separately would cost you \$12.80. We will mail it to your address for \$10.00. You are really buying at wholesale prices in this way, delivered.

Inoculate this
Seed with
FARMOGERM

FIELD SEEDS

Inoculate this
Seed with
FARMOGERM



Bolgiano's Capitol Grass and Clover Seed.

Medium Red, or June (*Trifolium pratense*). This is regarded as the most valuable of the Clover family and is largely used for pasturage and hay. Clover adds greatly to the fertility of the land on which it is grown. It does not exhaust the soil, but enriches it. It makes two crops each year. The first is usually cut when it is in blossom for hay. The last crop may be harvested for seed, cut for hay or plowed under to add fertility to the soil. For hay, it is particularly well adapted for sowing with Orchard grass and Timothy, as it ripens at the same time, and sowing these three grasses together will give larger yields and better quality hay than sowing either alone. It is also largely sown with other grasses, both for hay and pasturage. Sow in Spring or Fall, and if no other Grasses are used, at the rate of 8 to 12 pounds per acre; more is required on old, stiff soils than on new and lighter ones. 5 lbs. 28 cts. per lb.; 10 lbs. 26 cts. per lb.; bus. \$14.40.

Mammoth, or Sapling (*Trifolium pratense perenne*). Is similar to Red Clover in appearance of seeds and habits of growth, the difference being larger growth and later maturing. It is often used for hog pastures. As a soil improver to plow under it is considered superior on account of its extra growth. It is a good variety for thin soils or to seed with Timothy, Meadow Fescue, Herd's Grass or Red Top, as it matures about the same time as these grasses. Sow 10 to 12 lbs. to the acre when sown alone. When sown with Timothy use 6 lbs. Sapling Clover and 8 lbs. Timothy to the acre. 5 lbs. 30 cts. per lb.; 10 lbs. 28 cts. per lb.; bus. \$15.00.

Alsike, or Hybrid (*Trifolium hybridum*). Alsike Clover grows thicker and is finer in growth than Red Clover, making better hay and probably more and better grazing. It is also harder, resisting extremes of heat and drought and also severely cold weather to a remarkable extent. It is perennial and does not Winter kill. It succeeds on a variety of soils, light upland loamy lands as well as stiff bottom lands. It will do better on moist land than any other Clover. It is surer to give a good stand and make good crops than either the Red or Mammoth Clover, and in sections where these Clovers have been uncertain Alsike is superseding them altogether. When sown with other grasses it forms a quick undergrowth and greatly increases the yield. Sow 8 pounds to the acre. 5 lbs. 27 cts. per lb.; 10 lbs. 25 cts. per lb.; bus. \$13.80.

Alfalfa, or Lucerne (*Medicago sativa*). Requires deep, rich, well-drained soil. The tap-root descends often to a depth of 10 to 15 feet in loose soil. It is, consequently, capable of resisting great droughts. It should be sown alone (about same time as oats are sown in this section) in thoroughly prepared, deeply plowed soil, at the rate of 20 to 25 pounds to the acre. It may also be sown as late as August and up to the middle of September in more southerly localities. The crop should be cut when the plant is coming into bloom. In suitable soil it is perennial, and several crops may be cut every year. Height, 1 to 3 feet. 5 lbs. 30 cts. per lb.; 10 lbs. 28 cts. per lb.; bus. \$15.00.

Crimson, or Scarlet (*Trifolium incarnatum*). New Crop. The Great Nitrogen Gatherer. The best crop for hay, soiling and green manuring. Fall, Winter and Spring pasturing. Crimson Clover furnishes an abundance of nutritive forage at seasons when pastures are dead. It is an unfailing supply of manure. It solves the problem of cheap manuring. It is a great nitrogen gatherer and economizer in the use of fertilizers. Valuable for planting in orchards, berry patches and for sowing among cultivated crops, such as Cabbage, Corn, Tomatoes, Cotton, Tobacco. Improves poor land, restores to fertility those that have been worn down by excessive cropping. May be planted in the Spring, Summer or Fall. Splendid reseeded Red Clover that has been Winter killed. Sow 15 lbs. to the acre. 5 lbs. 16 cts. per lb.; 10 lbs. 14 cts. per lb.; bus. \$7.50.

White Clover (*Trifolium repens*). Some White Clover is usually included in Lawn Grass Mixtures. It makes an excellent turf that stands constant trampling. It is of dwarf habit, spreads rapidly and is very hardy. It is valuable in permanent pastures, being sweet and nutritious. Sow in Spring. In mixtures, 1 or 2 pounds; if alone, 8 or 10 pounds to the acre. 5 lbs. 60 cts. per lb.; 10 lbs. 55 cts.

White Sweet Clover (*Melilotus alba*). Valuable sort of soiling and for ensilage and bees. Grows from 3 to 5 feet high; sown in rich soil, may be cut three times; lasts for years if cut before flowering. Ten pounds to the acre. 5 lbs. 16 cts. per lb.; 10 lbs. 14 cts. per lb.

Timothy (*Phleum pratense*). The most valuable of all the grasses for hay, especially in the North. Thrives best on moist, loamy soils of medium tenacity. It should be cut just when the blossom falls. Sow early in the spring or fall, at the rate of 12 pounds per acre, with Clover 10 lbs. Timothy and 6 lbs. Clover. A splendid mixture is 8 lbs. Timothy, 6 lbs. Clover (either Mammoth Clover or Alsike Clover preferred, as they mature at the same time as Timothy), 6 lbs. Fancy Red Top, ½ bushel Meadow Fescue. Together these will produce most excellent hay, also nutritious and abundant pasture in good loamy clay or low ground soils. 5 lbs. 12 cts. per lb.; 10 lbs. 10 cts. per lb.; bus. \$3.50.

Red Top (*Agrostis vulgaris*). In Pennsylvania and States farther south this is known as Herd's Grass, a name applied in New England and New York to Timothy. It is a good, permanent grass, standing our climate well, and makes a good pasture when grazed close. Is valuable for low, wet meadows, producing a large return in good hay. When sown alone, use about 12 pounds of the fancy seed per acre. Sow in spring or fall. 5 lbs. 30 cts. per lb.; 10 lbs. 28 cts. per lb.; bus. \$7.50.

Orchard Grass (*Dactylis glomerata*). Desirable on account of its quick growth and valuable aftermath. It is ready for grazing in spring two weeks sooner than most grasses, and when fed off is again ready for grazing in a week, and will continue green when other grasses are withered by dry weather. It is palatable and nutritious and stock eat it greedily when green. A tendency to grow in tufts units it for lawns. It does better if sown with clover, and as it ripens at the same time, the mixed hay is of the best quality. If sown alone, about 28 pounds are required per acre; if sown with clover, half that quantity. Perennial and will last for years. 5 lbs. 25 cts. per lb.; 10 lbs. 23 cts. per lb.; bus. \$3.00.

Kentucky Blue Grass (*Poa pratensis*). This grass is not only the best for lawn purposes, but makes the sweetest and most nutritious pasture for all kinds of stock. Kentucky has long been famous for its high bred horses and its Blue Grass pastures. It is now possible to establish on most any farm a Blue Grass pasture of greenest verdure which will give very profitable returns. This Grass is the first to start up in the Spring and remains green until snow flies in the Fall. It is very hardy and is uninjured by cold or dry weather, hot sun or tramping of hoofs. The roots are so thick and stout that they form a tough sod. Blue Grass requires about two years to get well started and for that reason it is often sown in mixture with other Grasses. It will do well on almost any land, but does best on well drained clay land. Sow in the Fall or Spring at the rate of two or three bushels per acre. 5 lbs. 55 cts. per lb.; 10 lbs. 53 cts. per lb.; bus. \$7.00.

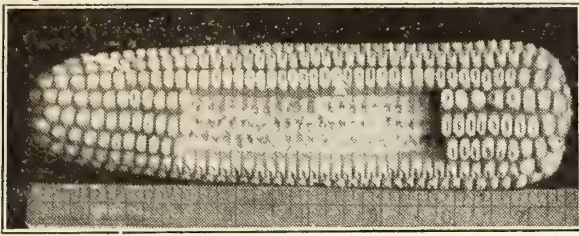
Tennessee Cultivated Golden Millet. This variety is extensively used throughout the United States, as they find it more nutritious in value for feeding. It is grown at the same time and at the same rate per acre as the common Millet. Growers once using the Tennessee Cultivated Millet will never plant any other kind. Grows more vigorous, gives a much larger yield of hay. 5 lbs. 10 cts. per lb.; 10 lbs. 8 cts. per lb.; bus. \$2.50.

Perennial Rye Grass (*Lolium perenne*). A very valuable variety for permanent pasture. Succeeds well on almost any soil, but is particularly adapted to moderately moist or irrigated lands. Sow 30 to 40 pounds per acre in spring. 5 lbs. 15 cts. per lb.; 10 lbs. 12 cts. per lb.

Sudan Grass. It is a tall annual Grass reaching a height of 7 to 9 feet when planted in rows and allowed to mature for seed crop; broadcasted and cut in the bloom for hay, about 4 feet. The results have been so satisfactory that it is now established one of our permanent forage crops. It is easily cured and handled as hay crop. Stock of all kinds eat it readily and will leave any other hay for it. The food value is second only to Alfalfa. Should not be planted until the soil becomes warm in the Spring. Two to four cuttings per year can be obtained when sown broadcast for hay; the number of cuttings secured depends upon the length of the season and the moisture. The first crop will mature in from 50 to 60 days, and the second crop is ready for harvesting in from 20 to 30 days. Three tons of cured hay per cutting per acre has been secured and three cuttings made. It is a great drought resister and is particularly adapted to semi-arid regions. It is an annual and must be seeded each Spring. When seeded in rows 18 to 20 inches apart, drill 4 to 6 pounds. When sown 16 to 24 pounds per acre. 5 lbs. 12 cts. per lb.; 10 lbs. 10 cts. per lb.

ALL PRICES SUBJECT TO MARKET CHANGES

FIELD SEEDS--Continued



Bolgiano's Prosperity Yellow Corn.

YELLOW CORN

Bolgiano's Prosperity Corn.

If you really want to grow a bumper crop of beautiful Yellow Dent Corn this year, just take our advice and plant Bolgiano's "Prosperity" Corn. The fine, large, stately ears are 12 to 14 inches long, 8 to 11 inches in circumference and have from 20 to 24 uniform rows of long, large kernels, well developed over tip and butt. It is a luxuriant grower, from 12 to 15 feet high, and if planted during the first half of May, will mature before the 20th of September. For more than a score of years "Prosperity Corn" has been under the most watchful breeding and selection. **Peck, 85 cts.; bushel, \$3.00.**

Reid's Yellow Dent.

This is a splendid Yellow Dent variety with 18 to 24 rows of kernels on an ear. The cob is small and red and the grains are very close together, so there is scarcely any room between the rows. Reid's Yellow Dent has been awarded more prizes at Corn shows than any other variety except "Prosperity." The ears average 8 to 10 inches long. **Matures 90 to 100 days. Pk. 75c; bus. \$2.50.**

Improved Leaming Corn.

Its extreme earliness and fine quality have made it very popular with the farmers, and especially with those in the localities where the seasons are short. It produces from 65 to 90 bushels to the acre, in accordance with the quality of the soil. The ears and grains are of medium size. **Pk. 75 cts.; bus. \$2.50.**

Mammoth Golden Beauty Corn.

Has the largest ears of any 100-day corn. It outyields many other corns. The increased yields repay the seeds many times over. Growers should make sure of getting the largest yield and most handsome grain to meet competition, and secure the highest prices. Ears usually average from 9 to 12 inches long and from 20 to 30 rows on the cob, some of the stalks bearing from 2 to 3 ears. **Peck, 75 cts.; bushel, \$2.50.**

WHITE CORN

Boone County White (Pedigreed Stock).

A pure white corn on a white cob. Very deep grain, not overly wide. Rows generally 20, sometimes 22 to 24. A perfect shape. That is the striking thing about it—big, long ears, beautiful shape, perfect butts and tips, and deep grains. We believe this to be the best all-around White Corn in existence. It is a heavy yielder; has small cob and produces good-sized fodder, free from barren stalks. **Matures in 110 days. Peck, 75 cts.; bushel, \$2.50.**

"Hickory King" White Corn.

So large are the grains and so small the cob that on an ear broken in half a single grain will almost cover the cob section. Of a strong growth, the stalks take a firm hold in the ground and stand upright. It yields splendid crops on light soils, and is undoubtedly the best and most productive White Field Corn for the South. **Peck, 75 cts.; bushel, \$2.50.**

Eureka Ensilage Corn.

The very best Silo Corn on the market. For many years we have used great care in the selection of our seed, which will give a large amount of fodder 3 or 4 long, slender ears of Corn to the stalk. Grows to a height of 15 feet. Can be sown in hills or planted in checked rows. It is a very rapid grower and can be grown throughout the United States with wonderful success. Growers should not miss planting this special variety of ours for their Silo Corn. **Peck, 75 cts.; bushel, \$2.50.**

Choice White Dent.

Long narrow grain; large fodder; very prolific; large ears, small cob. The stalks grow 7 to 8 feet high and set the ears about 3½ to 4 feet from the ground. **Peck, 75 cts.; bushel, \$2.50.**

Evergreen Broom Corn. Improved.

An excellent variety; is a good length, fine, straight and has a green appearance when ripe, and sells at the highest market price. Sow in drills 3 feet apart and thin out to 3 inches. Sow 5 pounds per acre. **10 lbs., 10 cts. per lb.; 20 lbs., 9 cts. per lb.; 50 lbs., 8 cts. per lb.**

White Kaffir Corn.

Makes nutritious food for stock and poultry. Kaffir Corn in the last few years has been generally sown with Cow Peas, broadcast, at the rate of a peck of Kaffir Corn to a bushel of Cow Peas per acre. **10 lbs., 10 cts. per lb.; 20 lbs., 9 cts. per lb.; 50 lbs., 8 cts. per lb.**

COW PEAS, SOJA BEANS AND FORAGE CROPS

The Soil Improvers—Make Poor Land Rich—A Splendid Hay Crop

Whippoorwill Cow Peas.

An early variety; grows upright, vigorous, and the crop is easy to harvest. We sell more of this variety than any other, and consider it the best for general purposes. **Pk. 85 cts.; bus. \$3.**

Black Cow Peas.

Seed medium sized and Black. Vines trailing. Seed matures early. **Peck, 85 cts.; bushel, \$3.50.**

Clay Peas.

Seeds medium sized and cream colored. Vines grow tall and erect. Seed matures medium late. **Peck, 85 cts.; bushel, \$3.00.**

Shinney Pea.

Very popular, seed large, mottled white and red, early maturing, erect vines. **Peck, 85 cts.; bushel, \$3.00.**

Mixed Cow Peas.

We strongly recommend sowing Mixed Cow Peas as a soil improving crop. The upright growing varieties holding up the vining varieties, they will make a much better growth and give more satisfactory results. **Peck, 75 cts.; bushel, \$2.75.**

Black Eye.

Vines erect. Seeds medium sized and white; matures medium late. **Peck, 85 cts.; bus. \$3.**

Canada Field Peas.

Here is a crop which is not only profitable, but will return to the land the much needed nitrogen. Peas are second only to Clover in their soil enriching properties and can be grown under almost any condition of soil or climate. There is always a ready market for Peas, or they can be profitably ground and fed to the stock. The vines make rich, nutritious hay. **Peck, \$1.15; bushel, \$4.25.**

Mammoth Yellow Soja.

The largest growing and most popular Soja Bean for forage purposes, although a little later in maturing than other varieties. **Peck, 85 cts.; bushel, \$3.00.**

Tar-Heel or Mammoth Black Soja.

Slightly earlier than Mammoth Yellow and produces about same amount forage. **Peck, 85c; bus. \$3.**

Mammoth Brown Soja.

Matures slightly earlier than Mammoth Yellow and produces about one-third more forage. **Peck, 85 cts.; bushel, \$3.00.**

Wilson Black Soja.

Very small seed, matures in about ninety days, can be grown in the Northern States where an early variety is desired. **Peck \$1.00; bushel, \$3.50.**

Hairy Vetch (Vicia villosa).

This is a very valuable forage plant and is rapidly becoming more popular each year, as the farmers of this country are learning more of its great value. It is very hardy, is valuable as a winter cover crop to prevent leaching, and for forage and fertilizing purposes. It is an annual. It succeeds well on nearly all soils and thrives surprisingly on poor, light land and will endure extremes of drought, heat and cold. It improves the soil, being a great nitrogen gatherer. The roots bear innumerable nodules or nitrogen-gathering bacteria. These take the nitrogen from the air and restore it to the soil, where it is so much needed. It belongs to the Pea family, but the vines are much longer and the foliage is more abundant. It may be sown either in the spring or fall with about half a bushel of Rye or Oats for support. It grows rapidly and is particularly valuable in sections where Clover does not thrive. In the North it remains green all winter under the snow, and it is invaluable for early pasturing. Not only does it produce an enormous amount of very valuable feed, but it at the same time restores to the soil a great amount of fertility, which is so much needed. **50 to 60 pounds of seed required to the acre. 5 lbs., 15 cts. per lb.; 10 lbs., 14 cts. per lb.; 100 lbs., 13 cts. per lb.**

Spring Vetches or Tares.

Closely associated with Peas in character. Used for the same purpose as Hairy Vetch, but must be planted in the spring wherever the winters are severe, as this variety is not so hardy as Hairy Vetch. Highly valuable for soiling or for green manuring. Sometimes grown with Oats for mowing and feeding to stock. Sow alone 70 to 90 pounds per acre, and 11 with Oats 60 pounds of Vetch and 40 pounds of Oats. **5 lbs. 10 cts. per lb.; 10 lbs., 9 cts. per lb.; 100 lbs., 8 cts. per lb.**

Dwarf Essex Rape.

It is an annual, bearing a close resemblance in leaf and stalk to the Kale, but both leaves and stalks are more numerous in the Rape plant, and of a taller habit of growth. It is a pasture plant which may be eaten off by any kind of live stock, but it is pre-eminently fitted to furnish pasture for sheep, cattle and swine. Under favorable conditions Rape is ready for pasturing sheep or cattle within six weeks from the time of sowing. **5 lbs., 15 cts. per lb.; 10 lbs., 14 cts. per lb.; 100 lbs., 12 cts. lb.**

PRICES SUBJECT TO MARKET CHANGES



Five Cents a Paper.

Tested and Reliable.

Postage Paid.

We are in position to offer to our trade Flower Seeds that have few equals and no superiors. Our selections have been made from the best American growers. The preparation of the soil is of vast importance with Flower Seeds, and provided there has been care taken in these respects we feel assured that our seed will give entire satisfaction. Much care must be used in sowing fine Flower Seed; so many times they are buried instead of planted. Most Flower Seeds do best if sown in boxes and transplanted. Care should always be taken not to plant too deep, and at the same time see that the soil may come in contact with the seed. It is well to cover the soil with moss or new grass to keep the soil moist and in condition until the germination of the seed is assured, then remove the covering with care, and not during the sunny part of the day, but in the afternoon, so as not to sunburn the tender young growth.

AMERICAN ASTERS

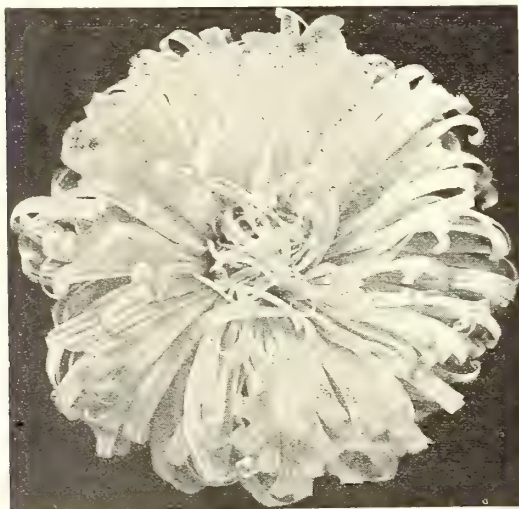
Annuals. Attain full growth, flower and die in one year.

Biennials. Grow from seed one year, bloom and die the next, though some varieties bloom the first season when sown early.

Perennials. Last for several years, blooming annually after the first season, though some varieties will bloom the first season if sown early.

A—Signifies Annual. **B**—Biennial. **P**—Perennial.

ASTERS (A) are one of the most popular annuals and do well everywhere. Seed may either be planted early indoors or later in the open border. We suggest that you include some of the named varieties in your order.



Featherbloom Asters.

BOLGIANO'S FEATHERBLOOM ASTERS

N56. FEATHERBLOOM WHITE. White flowers with petals resembling those of a Chrysanthemum. Pkt. 5 cts.; $\frac{1}{4}$ oz. 35 cts.; oz. \$1.25.

N9. FEATHERBLOOM PINK. Beautiful shell pink. Pkt. 5 cts.; $\frac{1}{4}$ oz. 35 cts.; oz. \$1.25.

36. FEATHERBLOOM LAVENDER. A beautiful pure lavender, fine form and size. Pkt. 5 cts.; $\frac{1}{4}$ oz. 35 cts.; oz. \$1.25.

32. FEATHERBLOOM AZURE BLUE. A fine shade of lavender blue. Pkt. 5 cts.; $\frac{1}{4}$ oz. 35 cts.; oz. \$1.25.

N4. FEATHERBLOOM PURPLE. Very rich in color. Pkt. 5 cts.; $\frac{1}{4}$ oz. 35 cts.; oz. \$1.25.

N2. FEATHERBLOOM MIXED. A mixture of many colors. Pkt. 5 cts.; $\frac{1}{4}$ oz. 30 cts.; oz. \$1.00.

SEMPLÉ'S BRANCHING ASTERS

N28. WHITE BRANCHING. Produces large, handsome double flowers on long stems. Pkt. 5 cts.; $\frac{1}{4}$ oz. 30 cts.; oz. \$1.00.



Semple's Branching Asters.

N53. PINK BRANCHING or MARY SEMPLÉ. Large double flowers of a beautiful shell-pink color. Pkt. 5 cts.; $\frac{1}{4}$ oz. 30 cts.; oz. \$1.00.

N6. CRIMSON BRANCHING. A bright showy crimson. Pkt. 5 cts.; $\frac{1}{4}$ oz. 30 cts.; oz. \$1.00.

N25. LAVENDER BRANCHING. Light lavender, large, double flowers. Pkt. 5 cts.; $\frac{1}{4}$ oz. 30 cts.; oz. \$1.00.

15. AZURE BLUE BRANCHING. True lavender approaching azure blue. Pkt. 5 cts.; $\frac{1}{4}$ oz. 30 cts.; oz. \$1.00.

N3. PURPLE BRANCHING. Double purple flowers. Pkt. 5 cts.; $\frac{1}{4}$ oz. 30 cts.; oz. \$1.00.

99. BRANCHING MIXED. A mixture containing all colors; flowers produced on very long stems. Pkt. 5 cts.; $\frac{1}{4}$ oz. 25 cts.; oz. 75 cts.

N1. QUEEN OF THE MARKET ASTERS, MIXED. The earliest aster, producing a profusion of fine blooms. Pkt. 5 cts.; $\frac{1}{4}$ oz. 25 cts.; oz. 75 cts.

28. **AGERATUM, MEXICAN MIXED.** A. Lavender-blue and pure white brush-like flowers borne in great profusion. Attains height of about two feet. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 50 cts.

30. **ALYSSUM, LITTLE GEM.** A. Dwarf spreading plants about four inches high and covered with a mass of white bloom. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 40 cts.



Sweet Alyssum.

19. **AMARANTHUS, TRICOLOR or JOSEPH'S COAT.** A. A brilliant colored plant attaining a height of about thirty inches. Pkt. 5 cts.; $\frac{1}{2}$ oz. 20 cts.; oz. 30 cts.

42. **ANTIRRHINUM, HALF DWARF MIXED.** A. Plants grow about two feet high and produce on long spikes flowers of large sizes and most attractive in coloring. Easily grown; fine for cutting. Pkt. 5 cts.; $\frac{1}{4}$ oz. 25 cts.; oz. 75 cts.

N27. **BACHELOR'S BUTTON (Centaurea Cyanus).** A. These are also called "Blue Bottle." The flowers are of a distinct graceful beauty. All colors mixed. Pkt. 5 cts.; $\frac{1}{2}$ oz. 15 cts.; oz. 25 cts.

23. **BALLOON VINE.** See page 50.

N27. **BACHELOR'S BUTTON (Centaurea Cyanus).** A. These are the old "Lady Slipper," but vastly improved as to doubleness of the beautiful flowers. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 50 cts.



Balsam, Double Camellia-Flowered.

35. **CALENDULA DOUBLE MIXED.** A. Does well in cool locations. Should be planted either singly or in masses. Plants grow 12 inches high, branch freely and flowers throughout the season. A fine mixture of yellow and orange shades. Pkt. 5 cts.; oz. 15 cts.

N58. **CALLIOPSIS MIXED.** A. Most desirable for cutting. This mixture contains many varieties. Pkt. 5 cts.; $\frac{1}{2}$ oz. 20 cts.; oz. 30 cts.

45. **CAMPANULA, SINGLE MIXED CANTERBURY BELLS.** P. Of most attractive growth, and the second year produce abundantly the beautiful bell-flowers in many colors. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.

CANARY BIRD VINE. See page 50.

17. **CANDYTUFF.** A splendid mixture of all colors. Pkt. 5 cts.; $\frac{1}{2}$ oz. 15 cts.; oz. 25 cts.

N5. **CANDYTUFF, GIANT HYACINTH FLOWERED WHITE.** A. Large, elongated head with pure florets. Desirable for cutting. Pkt. 5 cts.; $\frac{1}{2}$ oz. 20 cts.

N53. **CANNA MIXED.** P. A perennial plant if roots are lifted in the fall and carefully stored during the winter. Start the seed very early. Pkt. 5 cts.; oz. 25 cts.

13. **CARNATION, MARGUERITE MIXED.** P. Although a perennial, this should be treated as an annual, as from seed sown in the early spring the planter will have plants producing flowers toward the latter part of the summer. Pkt. 5 cts.; $\frac{1}{4}$ oz. 35 cts.; oz. \$1.25.

44. **CHRYSANTHEMUM, ANNUAL VARIETIES MIXED.** A. They are not to be confused with the large late flowering varieties grown by florists. Easily grown from seed, and the plants flower freely until killed by frost. Many colors mixed. Pkt. 5 cts.; oz. 25 cts.

N28. **CINERARIA, FINE MIXED.** P. It is exclusively a house plant and succeeds best if the seed is sown during the summer. Pkt. 10 cts.

N8. **CLARKIA MIXED.** A. Contains the choicest varieties of this easily grown annual. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 50 cts.

CLEMATIS. See p. 50.

38. **COCKSCOMB DWARF MIXED.** A. Showy dwarf growing plants bearing large velvety combs. If the combs are cut before frost they may be dried and used for winter decoration. Pkt. 5 cts.; $\frac{1}{4}$ oz. 25 cts.; oz. 90 cts.



Early Flowering Cosmos.

COSMOS, EARLY FLOWERING

The longer blooming period given by their starting to bloom four to six weeks earlier is making this class of cosmos very popular. Height four to six feet.

N54. **GIANT PINK.** Pkt. 5 cts.; $\frac{1}{4}$ oz. 20 cts.; oz. 50 cts.

N51. **GIANT RED.** Pkt. 5 cts.; $\frac{1}{4}$ oz. 20 cts.; oz. 50 cts.

N48. **GIANT WHITE.** Pkt. 5 cts.; $\frac{1}{4}$ oz. 20 cts.; oz. 50 cts.

1. **GIANT MIXED.** Pkt. 5 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00.

103. **COSMOS, FINEST MIXED.** A. If seed is sown during the spring it will produce a tall growing plants, which will flower freely from September to November. Pkt. 5 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.

10. **COSMOS, DOUBLE MIXED.** One of the finest introductions of late years. A true cosmos with a beautiful double crested center. Pkt. 10 cts.; $\frac{1}{4}$ oz. 65 cts.

7. **COLUMBINE MIXED** (*Aquilegia*). P. If seed is sown during the summer the plants will come into bloom the following year. A fine assortment of colors. Pkt. 5 cts.; $\frac{1}{4}$ oz. 20 cts.; oz. 60 cts.

COBEA SCANDENS. See page 50.



Columbine.

N10. **CORE-OPSIS GRANDIFLORA**. P. During the summer bears profusely golden-yellow flowers which are very useful for cutting. Pkt. 5 cts.; $\frac{1}{2}$ oz. 25 cts.; oz. 40 cts.

36. **CYCLAMEN, PERSICUM MIXED**. P. A free-flowering plant for growing in the house. Seed should be sown early in the spring. The orchid-like blooms range in color from white to crimson. Pkt. 10 cts.; $\frac{1}{4}$ oz. 35 cts.; oz. \$1.25.

CYPRESS VINES. See p. 50.

101. **DAHLIA, CHOICE DOUBLE MIXED**. P. These grow very easily from seed, and flower freely the first season, and the roots may be kept over from year to year. Pkt. 5 cts.; $\frac{1}{4}$ oz. 35 cts.; oz. \$1.25.

101. **DAHLIA, CHOICE DOUBLE MIXED**. P. These grow very easily from seed, and flower freely the first season, and the roots may be kept over from year to year. Pkt. 5 cts.; $\frac{1}{4}$ oz. 35 cts.; oz. \$1.25.

22. **DAHLIA, CACTUS MIXED**. A. A fine collection of varieties of the popular quilled dahlia varieties. Pkt. 10 cts.; $\frac{1}{4}$ oz. 50 cts.; oz. \$1.75.

N26. **DAISY, DOUBLE MIXED** (*Bellis Perennis*). P. The hardy plants thrive best in cool shady places. The attractive small double flowers appear very early in the summer. Pkt. 5 cts.; $\frac{1}{4}$ oz. 65 cts.

100. **DELPHINIUM, HARDY LARKSPUR**. P. Brilliant blue with white eye, blooming in June. Pkt. 5 cts.; $\frac{1}{4}$ oz. 25 cts.



California Poppy.

22. **DIANTHUS or ANNUAL PINKS MIXED**. A. The plants grow one foot high and flower profusely during the entire summer and fall months. The blooms are most desirable for cutting. Pkt. 5 cts.; $\frac{1}{4}$ oz. 20 cts.; oz. 60 cts.

DIANTHUS PLUMARIUS. P. (Pheasant's Eye Pink). The original clove pink, of great beauty. Pkt. 5 cts.; $\frac{1}{4}$ oz. 35 cts.; oz. \$1.25.

N22. **ESCHSCHOLTZIA** (*California Poppy*) **MIXED**. A. Plants of low spreading growth with cut feathery foliage and flowering during the entire summer. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 25 cts.

44. **FEVERFEW** (*Matricaria eximia fl. pl.*). A. The plants attain a height of eight inches; dark cut leaf foliage; the pure white flowers are borne on long stems. Fine for cutting. Pkt. 5 cts.; $\frac{1}{4}$ oz. 30 cts.; oz. \$1.00.

5. **FORGET-ME-NOTS** (*Myosotis Alpestris*). P. Neat little plants with beautiful star-like blue flowers. It succeeds best in a moist, shady location. Pkt. 5 cts.; $\frac{1}{4}$ oz. 25 cts.; oz. 85 cts.

8. **FOUR O'CLOCK** (*Marvel of Peru*) **MIXED**. A. The plants grow $2\frac{1}{2}$ feet high and are practically covered with the varied colored flowers about four o'clock in the afternoon. Pkt. 5 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.

2. **FOXGLOVE MIXED** (*Digitalis*). P. The plants grow three feet high and bear long spikes of thimble-shaped flowers of various colors. If planted in well-drained soil will thrive nicely. Pkt. 5 cts.; $\frac{1}{4}$ oz. 25 cts.; oz. 75 cts.

40. **GAILLARDIA, ANNUAL VARIETIES MIXED**. (Blanket Flowers). A. Glorious annual plants bearing gorgeous-colored flowers. Does exceedingly well in hot, dry weather. Excellent for cutting. Pkt. 5 cts.; $\frac{1}{4}$ oz. 20 cts.; oz. 65 cts.

GAILLARDIA GRANDIFLORA. P. These perennial hybrids are worthy of a place in all hardy borders. The beautiful single flowers are red in the center with clear yellow markings on outer edges of petals. Pkt. 5 cts.; $\frac{1}{4}$ oz. 20 cts.; oz. 50 cts.

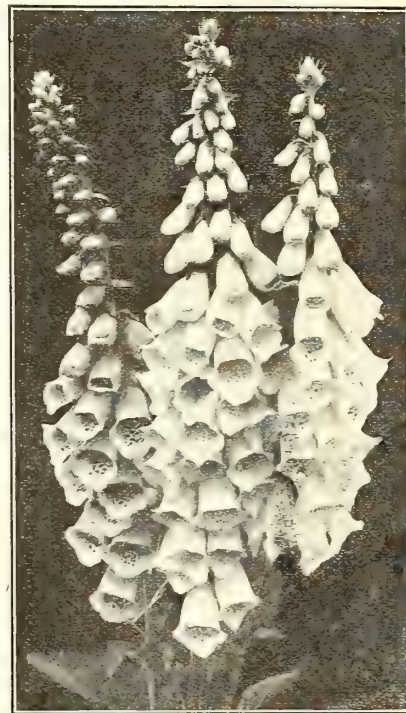
7. **GERNAIUM ZONALE MIXED**. P. Although a perennial, it is usually treated as annual when grown from seed unless the plants are taken indoors for the winter. Grows readily from seed planted indoors. Pkt. 10 cts.

N30. **GILIA MIXED**. A. Suitable plants for beds or rockeries. Free blooming and succeeds well in any location. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 35 cts.

9. **GODETIA MIXED**. A. Does best in cool locations. The plants bear freely attractively shaped flowers, rich and varied in colors. Pkt. 5 cts.; $\frac{1}{4}$ oz. 20 cts.; oz. 50 cts.

GOURDS. See page 50.

N19. **HELICHRYSUM MIXED** (*Straw Flowers*). A. This is really a double purpose flower. The plants during the late summer are most attractive with their beautiful double flowers which if picked before fully opened make fine dried blooms for winter decorations. All colors mixed. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 50 cts.



Fox Glove.



DOUBLE HOLLYHOCK.

N11. HELIOTROPE, CHOICE MIXED. P. Rather tender and will not stand cold weather. Start seed indoors and do not set plants out-of-doors until all danger from frost is past. The flowers have a delightfully fragrant perfume. **Pkt. 10 cts.; 1/4 oz. 85 cts.; oz. \$3.00.**

N39. HIBRISCUS MIXED (Mallow). P. Of late the Mallows have become very popular, and are worthy of a place in all beds of perennials. The plants attain a height of from 4 to 6 feet and produce profusely the handsomest flowers from June until fall. **Pkt. 5 cts.; 1/4 oz. 20 cts.; oz. 75 cts.**

29. HOLLYHOCK, CHOICE DOUBLE MIXED. B. These are best treated as biennials. One of the most showy of all hardy garden plants. The majestic plants produce magnificent long spikes bearing beautiful double flowers which measure 3 to 4 inches across. **Pkt. 10 cts.; 1/4 oz. 35 cts.; oz. \$1.15.**

N34. JOB'S TEARS. A. Curious ornamental grass with broad, cornlike leaves and lustrous slate colored seeds. **Pkt. 5 cts.; 1/4 oz. 10 cts.; oz. 25 cts.**

N37. KOCHIA TRICHOPHYLLA. A. (Summer Cypress). A quick growing foliage or hedge plant very symmetrical in form and having innumerable tiny flowers in the fall when the bush takes on a red tinge. **Pkt. 5 cts.; oz. 20 cts.**

N39. LANTANA MIXED P. If to be treated as an annual start plants early indoors so as to insure a fine display of bloom during the summer. It makes a splendid house plant. **Pkt. 5 cts.; 1/4 oz. 15 cts.; oz. 50 cts.**

41. LARKSPUR, ANNUAL VARIETIES MIXED, A. Very quick-growing and free-flowering. The varied colored flowers are produced on erect spikes. Will thrive anywhere. **Pkt. 5 cts.; 1/4 oz. 10 cts.; oz. 25 cts.**

HYACINTH BEAN. See page 50.

N25. LOBELIA MIXED. A. Especially desirable for edging flower beds, also for planting in hanging baskets, vases, etc., and in pots for house plants during the winter. The dwarf compact plants grow six inches high and are covered with beautiful star-like flowers. **Pkt. 5 cts.; 1/4 oz. 75 cts.; oz. \$2.50.**

N7. LUPINUS MIXED. A. Very easily grown. The plant is about 12 inches high, and from this develops a long flower spike filled with small flowers. Excellent for cutting. **Pkt. 5 cts.; oz. 20 cts.**

N60. MIGNONETTE MACHET. Valued most highly on account of its delightful fragrance. Thrives best during cool weather, and we recommend that a second sowing be made in August to furnish a supply of the flower heads during the fall. **Pkt. 5 cts.; oz. 20 cts.; 1/4 lb. 50 cts.**

MOON FLOWER. See page 50.

Nasturtiums



Nasturtium.

DWARF NASTURTiums

A. There is nothing more gorgeous than this easily grown annual. Allow at least 15 inches between the individual plants so as they will have ample space in which to reach perfect development.

Named Sorts: Pkt. 5 and 10 cts.; oz. 20 cts.; 1/4 lb. 60 cts.; lb. \$2.00.

Beauty. Giant Flowering Bronze.

Chameleon. Giant Flowering Variegated.

Crimson. Velvety Crimson.

Cloth of Gold. Yellow Foliage, Scarlet Flowers.

King of Tom Thumbs. Scarlet Flowers, Dark Green Foliage.

King Theodore. Crimson Maroon, Dark Foliage.

Pearl, or Moonlight. Creamy White.

Spotted King. Golden Yellow, Spotted Garnet.

S40. Mixed. Pkt. 5 cts.; oz. 20 cts.; 1/4 lb. 50 cts.; lb. \$1.50 postpaid.

TALL NASTURTiums

A. These are at their best when planted on a steep slope and allowed to run down without any training. The plants are of strong, vigorous growth and the running shoots may be trained on ordinary fences or on wire netting. Have the plants stand 8 inches apart.

Named Sorts: Pkt. 5 and 10 cts.; oz. 20 cts.; 1/4 lb. 60 cts.; lb. \$2.00.

Butterfly. Lemon Yellow, lower petals blotched with Terra Cotta Red.

Crimson. Velvety Crimson.

King Theodore. Crimson Maroon, Dark Foliage.

Pearl, or Moonlight. Creamy White.

Spit Fire. Brilliant Scarlet Flowers; Profuse Bloomer.

Sun Light. Large Golden Yellow.

Rudolph Virchow. Handsome Rose Pink.

S51. Tall or Climbing Mixed. Pkt. 5 cts.; oz. 15 cts.; 1/4 lb. 50 cts.; lb. \$1.50.



Lemon Ball Marigold.

46. **MARIGOLD, TALL AFRICAN DOUBLE MIXED. A.** The tall growing plants are 2½ feet high, and produce freely largely double orange and yellow flowers measuring about 3 inches across. Pkt. 5 cts.; ¼ oz. 15 cts.; oz. 40 cts.

N38. **MARIGOLD, DWARF FRENCH DOUBLE MIXED. A.** The bushes attain a height of 12 to 15 inches. The brilliant orange and yellow flowers blend nicely with the dark green, finely-cut fern-like foliage. Pkt. 5 cts.; ¼ oz. 15 cts.; oz. 45 cts.

MORNING GLORY, TALL AND JAPANESE. See p. 50.

12. **MORNING GLORY, DWARF MIXED. A. (Convolvulus Minor).** Dwarf growing plants bearing profusely the brightly colored funnel-shaped flowers. Pkt. 5 cts.; oz. 20 cts.

OXALIS MIXED. P. Small plants; foliage clover-like; flowers small and very bright in colors. It is better to treat it as an annual. Pkt. 5 cts.

96. **PANSY, GIANT-FLOWERING TRIMARDEAU MIXED. P.** This is made up of a selection of the finest and largest flowering varieties, and much attention has been paid color combinations used. Pkt. 5 and 10 cts.; oz. \$3.00.

Pansy,
Giant-Flowered
Trimardeau.

N46. **MARI-GOLD, AFRI-CAN LEMON B A L L. A.** Very large double flowers of a clear canary yellow. Pkt. 10 cts.; ¼ oz. 20 cts.; oz. 60 cts.

97. **MARI-GOLD, AFRI-CAN ORANGE BALL. A.** Tall growing bush with smooth regular orange yellow flowers. Pkt. 10 cts.; ¼ oz. 20 cts.; oz. 60 cts.

N14. **PETUNIA, BEDDING VARIETIES MIXED. A.**

As a bedding or border plant nothing surpasses these beautiful bright colored Petunias. Seed may be sown either inside in boxes or outdoors in the beds where the plants are to bloom. Pkt. 5 cts.; ½ oz. 40c; oz. 75c.

31. **PETUNIA, GIANT-FLOWERED MIXED. A.**

Sow seed in boxes inside and be careful not to throw away the very small plants, as they usually produce the largest flowers. This mixture contains the brightest colors. Pkt. 5 and 10 cts.

N59. **PHLOX DRUM-MONDII, FINEST MIXED. A.**

Very attractive free-flowing plants. Sow seed in

open ground as soon as danger from frost is past. Plants bloom freely the entire season. Pkt. 5 cts.; ½ oz. 60 cts.; oz. \$2.00.

N13. **POPPY, THE SHIRLEY MIXED. A.** The large flowers are brilliantly colored and always attract much attention. Pkt. 5 cts.; ¼ oz. 10 cts.; oz. 25 cts.

ORIENTAL POPPY. Flowers of gorgeous brilliancy. Colors from soft rose to dazzling scarlet and richest maroon purple. Pkt. 5 cts.; ¼ oz. 60 cts.; oz. \$2.00.

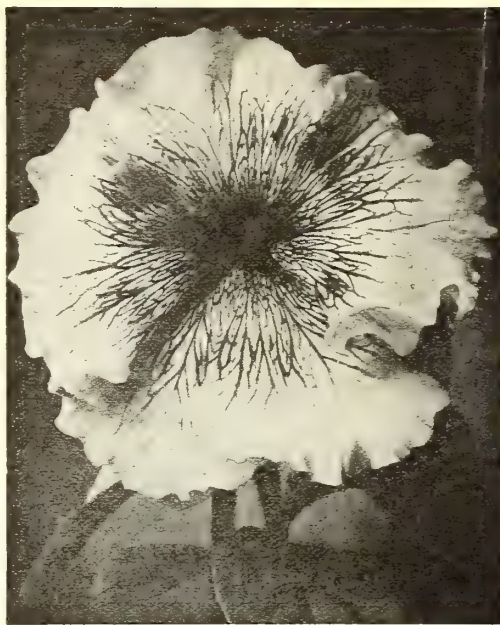
29. **PRIMULA SINENSIS MIXED. A. (Chinese Primrose.)** Treat as a greenhouse annual. These make splendid winter-blooming pot plants. A fine mixture of many colors. Pkt. 5 and 10 cts.

3. **PORTULACA, SINGLE MIXED. A.**

Fine assortment of many brilliant colors. Sow seed where plants are to bloom. Pkt. 5 cts.; ¼ oz. 20 cts.; oz. 75 cts.

N31. **PYRETHRUM GOLDEN FEATHER. P.**

A very useful hardy perennial. Most desirable for edging or bordering beds filled with other plants. Pkt. 5 cts.; ¼ oz. 25 cts.; oz. 85 cts.



Petunia, Giant Flowered.



Phlox Drummondii, Finest Mixed.

HAVE YOU A FRIEND who would be interested in having a copy of this Catalog? If so, kindly favor us with the name and address, and a copy will be mailed at once.



Ricinus, Castor Oil Bean.

18. RICINUS, CHOICE MIXED (The Castor Oil Bean). A. Very ornamental in growth. Recommended on lawns and for massing, or for center of beds. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. \$1.00.

SALVIA, or SCARLET SAGE

N12. BONFIRE. A. A fine variety, 3 ft. high; forms a dense compact bush and is a heavy bloomer, having brilliant scarlet flowers. Pkt. 10 cts.; ¼ oz. \$1.00.

24. SPLENDENS. A. Handsome, bushy plants which produce hundreds of spikes of brilliant scarlet flowers during the early fall months. Seed should be sown early indoors; set plants in beds as soon as danger from frost is past. Pkt. 5 and 10 cts.; ¼ oz. 60 cts.; oz. \$2.00.



Salvia, Bonfire.

as trees are starting in leaf. Pkt. 5 cts.; ¼ oz. 15 cts.; oz. 45 cts.

SCARLET RUNNER BEAN. See page 50.

100. SUNFLOWER, DOUBLE CHRYSANTHEMUM-FLOWERED. A. Positively the finest sunflower in cultivation. Plants grow 7 feet high. Flowers always perfectly double and of brightest golden-yellow. Pkt. 5 cts.; oz. 30c.

N29. SENSITIVE PLANT (Mimosa Pudica). P. In the garden this should be treated as an annual. A unique plant, the leaves of which close and droop even if only slightly touched with the hand. Pkt. 5 cts.; ¼ oz. 15 cts.; oz. 50 cts.

N57. SCABIOSA MIXED (Sweet Scabious). A. The growing plants are not only highly ornamental, but produce freely on long stems beautifully formed flowers of many colors. Sow seed as soon

N24. SALPIGLOSIS. A. An exceedingly beautiful, showy flower, of purple, red, yellow, buff and blue, all delicately veined. Pkt. 5 cts.; ¼ oz. 35 cts.; oz. \$1.00.

16. STOCKS, DWARF TEN WEEKS MIXED. A. Highly recommended as a cut flower. Sow seed in hotbed or boxes and transplant into rich soil. Pkt. 5 cts.; ¼ oz. 15 cts.; oz. \$1.50.

N18. SWEET ROCKET MIXED (Hesperis matronalis). P. Plants attain a height of 2 feet and produce panicles of white and lavender flowers. Pkt. 5 cts.; ¼ oz. 15 cts.; oz. 35 cts.

20. SWEET WILLIAM, DOUBLE AND SINGLE MIXED. P. An old-time hardy garden favorite, and so easily grown that it should have a place in all gardens. Pkt. 5 cts.; oz. 35 cts.

98. SWEET WILLIAM, BRIGHT SCARLET. P. Pure scarlet in color, single flowers. Pkt. 5 cts.; oz. 35 cts.; ¼ lb. \$1.00.

THUNBERGIA. See page 50.

N32. WALL FLOWER. B. An attractive flower, very popular in Europe, having long spikes of many colors. Pkt. 5 cts.; ¼ oz. 45 cts.; oz. \$1.50.



Salpiglosis.



Stocks, Dwarf.

STIM-U-PLANT

An Odorless Fertilizer
in Tablet Form

Unexcelled for House and
Garden Flowers

See page 77.

For Economy's Sake

ORDER OUR SPECIAL COLLECTIONS

FLOWERS.....Page 52

VEGETABLES.....Page 41



Verbena.

37. VERBENA, EXTRA FINE MIXED. P. Best treated as an annual. It grows readily from seed. The flower trusses are most attractive and the colorings are beautiful. Pkt. 5 cts.; $\frac{1}{4}$ oz. 45 cts.; oz. \$1.50.

ZINNIA

GIANT-FLOWERED. A. Few flowers grown from seed give the general satisfaction that Zinnias give. For brilliancy and variety of colors there is nothing that surpasses our strain. The popularity of this flower is constantly increasing. It is frequently called "Youth and Old Age," because of its constant blooming.

106. CRIMSON. Pkt. 5 and 10 cts.; oz. 75 cts.

107. FLESH PINK. Pkt. 5 and 10 cts.; oz. 75 cts.

108. SULPHUR YELLOW. Pkt. 5 and 10 cts.; oz. 75 cts.

109. WHITE. Pkt. 5 and 10 cts.; oz. 75 cts.

110. MIXED. Pkt. 5 and 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.75; lb. \$5.00.

Giant-Flowered
Zinnia.

ANNUAL CLIMBING VINES



Morning Glory.

These hardy annual climbers are very easy to grow, and it is remarkable how quickly the vines attain a great height. Any of the varieties are suitable for covering unsightly fences, etc.

23. BALLOON VINE, or "LOVE-IN-A-PUFF." A. An attractive climber of quick growth and bears profusely inflated seed capsules. Pkt. 5 cts.; $\frac{1}{4}$ oz. 10 cts.; oz. 25 cts.

43. BALSAM APPLE (Momordica Balsamina). A. A rapid growing vine producing

apple-shaped fruits. Pkt. 5 cts.; $\frac{1}{4}$ oz. 10 cts.; oz. 25 cts.

N21. CANARY BIRD VINE. A. (Tropaeolum Canariensis.) A very attractive climber, producing freely fringed yellow flowers. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 25 cts.

4. COBOEA SCANDENS. A. A rapid grower with fine foliage. Beautiful violet-colored bell-shaped flowers. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 50 cts.

N23. CLEMATIS. P. A quickly growing vine with deliciously fragrant flowers of pure white, blooming in September. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 50 cts.

21. CYPRESS VINE MIXED. A. Finely cut fern-like foliage from which protrudes hundreds of star-like flowers. Of very quick growth. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 45c.

48. GOURDS, ORNAMENTAL MIXED. A. Easily grown and the many odd and curious fruits are always a source of delight to both young and old. Pkt. 5 cts.; $\frac{1}{4}$ oz. 10 cts.; oz. 25 cts.

34. HYACINTH BEAN. A. A fine climber with clusters of purple or white flowers followed by ornamental seed pods. Pkt. 5 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.

39. MOONFLOWER. A. So called because it has the characteristic of opening its flowers during the late afternoon and evening. The large pure white flowers contrast beautifully with the heavy dense foliage. Pkt. 5 cts.; $\frac{1}{4}$ oz. 15 cts.; oz. 50 cts.

N44. MORNING GLORY, IMPERIAL JAPANESE MIXED. The flowers are extra large in size and of many colors. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.

26. MORNING GLORIES MIXED. A. These are easily the most popular of all our annual climbers. Simply scatter the seed where you wish the plants to grow. Pkt. 5 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.

NASTURTIUM, TALL VARIETIES AND MIXED. See page 47.

N14. SCARLET RUNNER BEAN. A. A quick-growing vine bearing large sprays of bright scarlet pea-like flowers. When fully ripened the dry beans are bright scarlet, heavily blotched with purple. Pkt. 5 cts.; $\frac{1}{4}$ lb. 15 cts.; lb. 40 cts.

N7. THUNBERGIA MIXED (Black-Eyed Susan). A. Neat foliage. Vines are of rapid growth and produce freely white, yellow and orange flowers, each with a black eye. Pkt. 5 cts.; $\frac{1}{4}$ oz. 25 cts.; oz. 85 cts.

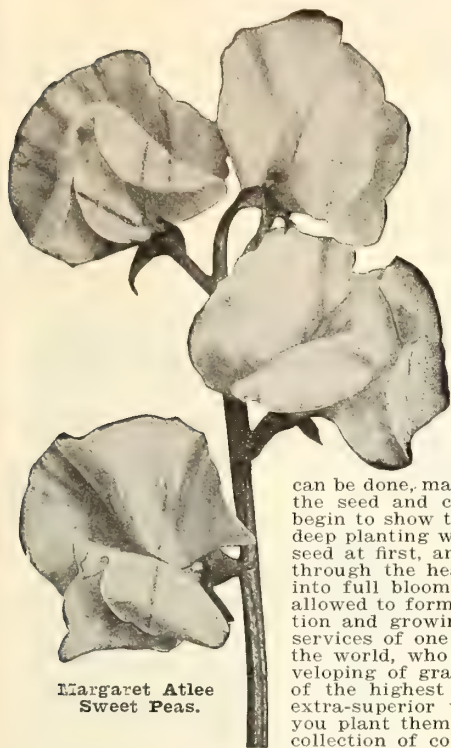
SWEET PEAS

Sweet Peas have been frequently referred to as the poor man's Orchid solely because of the abundance of blooms, the colors which may be likened to those found in the rarest Orchids.

America for years has been looked upon as headquarters for seed of this beautiful climbing annual, and with the result that there is now in cultivation hundreds of named varieties.

We are fortunate in having close acquaintance with all the noted producers of Sweet Pea seed. So we have gone over the long list of varieties repeatedly and now offer under color classification what we consider the best of their respective classes.

CULTURE. Sweet Peas should be sown in drills as early as possible in spring in rich, friable soil. Prepare the bed thoroughly, digging in a quantity of well-rotted manure, if it can be done, making a furrow 1 to 6 inches deep. In this sow the seed and cover 2 inches deep. As soon as the plants begin to show through fill in the furrow. This will secure a deep planting without the bad effects of deep covering of the seed at first, and so enable the plant to bloom continuously through the heat of summer. As fast as the flowers come into full bloom they should be cut off, for if the pods are allowed to form the plants will stop blooming. In the selection and growing of our Sweet Peas we have obtained the services of one of the leading expert Sweet Pea growers in the world, who has made the growing, propagation and developing of grand, new, elegant varieties of Sweet Peas one of the highest aims of life. We, therefore, commend our extra-superior varieties to you with the assurance that if you plant them you will have, without exception, the finest collection of colors and varieties of Sweet Peas of any one in your locality.



Margaret Atlee Sweet Peas.



Illuminator Sweet Peas.

Spencer, or Orchid-Flowering Sweet Peas

WHITE

	Pkt.	Oz.	¼ lb.	Lb.
57. King White.....	10c	25c	85c	3.00
95. Constance Hinton.....	10c	25c	85c	3.00

CREAM or YELLOW

39. Clara Curtis.....	10c	25c	85c	3.00
Primrose.....	10c	25c	85c	3.00

CREAM PINK

(Delicate Pink on Cream Ground)

53. Margaret Atlee.....	10c	25c	85c	3.00
60. Mrs. Routzahn.....	10c	25c	85c	3.00

LIGHT PINK

49. Elfreda Pearson.....	10c	25c	85c	3.00
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DEEP PINK

N55. Countess Spencer.....	10c	25c	85c	3.00
63. Hercules.....	10c	25c	85c	3.00

SALMON PINK

91. Doris Usher.....	10c	25c	85c	3.00
66. Illuminator.....	10c	30c	85c	3.00

ROSE

80. George Herbert.....	10c	25c	85c	3.00
62. Rosabelle.....	10c	25c	85c	3.00

CRIMSON or SCARLET

86. King Edward Spencer.....	10c	25c	85c	3.00
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ORANGE

93. Fiery Cross.....	15c	40c	1.25	—
68. Helen Grosvenor.....	10c	25c	85c	3.00
64. Thomas Stevenson.....	10c	30c	85c	3.00

SALMON

	Pkt.	Oz.	¼ lb.	Lb.
54. Barbara.....	10c	30c	85c	3.00
N47. Sterling Stent.....	10c	25c	85c	3.00

LAVENDER

83. Florence Nightingale.....	10c	25c	85c	3.00
61. Tennant Spencer.....	10c	25c	85c	3.00

BLUE

71. Margaret Madison.....	10c	25c	85c	3.00
56. Wedgewood.....	10c	25c	85c	3.00
N42. Royal Purple.....	10c	30c	85c	3.00

MAROON

94. Nubian.....	10c	25c	85c	3.00
92. King Manuel.....	10c	25c	85c	3.00

BI-COLOR

(Pink and White)

69. Blanche Ferry Spencer.....	10c	25c	85c	3.00
N50. Mrs. Cuthbertson.....	10c	25c	85c	3.00

PICOTTE EDGED

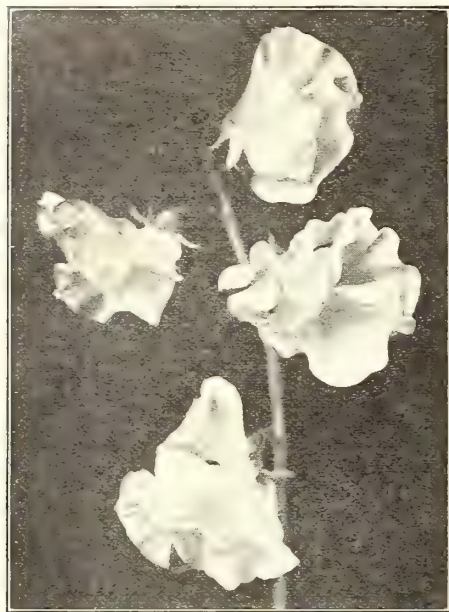
N36. Dainty Spencer, white, edge pink.....	10c	25c	85c	3.00
88. Mrs. Townsend, white, edge pink.....	10c	25c	85c	3.00
87. Mrs. C. W. Breadmore, cream, edged pink.....	10c	25c	85c	3.00

STRIPED or VARIEGATED

N41. Senator Spencer.....	10c	25c	85c	3.00
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50. SUPERB MIXED SPENCERS.

This mixture not only contains all the above, but also a host of other varieties, all blended together in just the right proportion. Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.50.



Early Snowflake Sweet Peas.

Superb Early or Christmas Flowering Spencer Sweet Peas

These varieties are a welcome addition to our lists, for they flower several weeks earlier than the regular Spencers, and if planted with them you will have a much longer season of bloom.

		WHITE		Pkt.	Oz.	¼ lb.
75.	Early Snowflake	10c	50c	1.50		
		PINK		Pkt.	Oz.	¼ lb.
76.	Early Yarrawa	10c	50c	1.50		
79.	Early Hercules	10c	50c	1.50		
73.	Early Pink and White	10c	50c	1.50		
85.	Early Peace	10c	50c	1.50		
		ORANGE SCARLET		Pkt.	Oz.	¼ lb.
77.	Early Morning Star	10c	50c	1.50		
		CRIMSON		Pkt.	Oz.	¼ lb.
78.	Early Liberty	10c	50c	1.50		
		LAVENDER		Pkt.	Oz.	¼ lb.
70.	Early Songster	10c	50c	1.50		
52.	Early Warbler	10c	50c	1.50		

The Best Grandiflora Sweet Peas

In spite of the vast superiority of the Spencer or Orchid-Flowering Sweet Peas, we find there are some planters who still prefer the older or Grandiflora types.

Our list includes all the best varieties in the different color classifications.

		WHITE		Pkt.	Oz.	¼ lb.	Lb.
N43.	Dorothy Eckford	5c	15c	45c	1.50		
		YELLOW		Pkt.	Oz.	¼ lb.	Lb.
N33.	Hon. Mrs. E. Kenyon	5c	15c	45c	1.50		
		LIGHT PINK		Pkt.	Oz.	¼ lb.	Lb.
58.	Prima Donna	5c	15c	45c	1.50		
		DARK PINK		Pkt.	Oz.	¼ lb.	Lb.
89.	Janet Scott	5c	15c	45c	1.50		
		ROSE		Pkt.	Oz.	¼ lb.	Lb.
51.	Prince of Wales	5c	15c	45c	1.50		
		CRIMSON or SCARLET		Pkt.	Oz.	¼ lb.	Lb.
59.	King Edward VII	5c	15c	45c	1.50		
		ORANGE		Pkt.	Oz.	¼ lb.	Lb.
74.	Miss Willmott	5c	15c	45c	1.50		
		LAVENDER		Pkt.	Oz.	¼ lb.	Lb.
82.	Lady Grisel Hamilton	5c	15c	45c	1.50		
N40.	Mrs. Geo. H. Higginson, Jr.	5c	15c	45c	1.50		
		BLUE		Pkt.	Oz.	¼ lb.	Lb.
81.	Navy Blue	5c	15c	45c	1.50		
		MAROON		Pkt.	Oz.	¼ lb.	Lb.
55.	Black Knight	5c	15c	45c	1.50		
67.	Othello	5c	15c	45c	1.50		
		BI-COLOR (Pink and White)		Pkt.	Oz.	¼ lb.	Lb.
S55.	Blanche Ferry	5c	15c	45c	1.50		
		STRIPED or VARIEGATED		Pkt.	Oz.	¼ lb.	Lb.
72.	Aurora	5c	15c	45c	1.50		
65.	Helen Pierce	5c	15c	45c	1.50		
		S38. BEST LARGE FLOWERING MIXED.		Pkt.	Oz.	¼ lb.	Lb.
		A carefully prepared mixture containing all the best American and Eckford Grandiflora varieties.		5 cts.			
		oz. 10 cts.; ¼ lb. 30 cts.; lb. \$1.00.					

Eight Charming Spencer Sweet Peas for 25 Cts.

Sweet Peas are each season becoming more and more popular. Sow seed as early in the spring as the soil can be made ready, and bear in mind the fact that the more blooms you cut the more the vines will produce. In this collection we include the best in the different color classifications.

George Herbert. Bright carmine.
King Edward Spencer. Fine scarlet.
Dainty Spencer. White with pink edge.
Illuminator. Beautiful salmon pink.

Florence Nightingale. Soft lavender.
Constance Hinton. Best white.
Margaret Atlee. Attractive cream pink.
Superb Mixed Spencers. Many colors.

EIGHT SPENCER SWEET PEAS FOR 25 CTS.

Eight Beautiful Flowers for 25 Cts.

Nothing adds more charm to the home surroundings and, although we all realize the necessity of increasing the supply of food, yet no one should begrudge giving a small space in the garden to these brightly-colored annual flowers. All the following varieties are easily grown and are constant bloomers.

Alyssum, Little Gem.
Antirrhinum, Half-Dwarf Mixed (Snapdragons).
Aster, Bolgiano's Special Mixture.
Eschscholtzia, Mixed (California Poppy).

Four o'Clock (Marvel of Peru).
Marigold, African Double Mixed.
Larkspur, Mixed.
Petunia, Bedding Varieties Mixed.

SUMMER FLOWERING BULBS

These summer-flowering bulbs are very easily grown, and during the summer furnish for the house and table beautiful blooms for decorating purposes. They are not particular as to soil so long as it is fairly rich.

Cannas

These wonderful bedding plants give uniformly good results in all sections of the country. They succeed in any sunny position, in any kind of soil, but will repay liberal treatment. For best results spade the beds 2 feet deep, and incorporate in the soil a liberal amount of well-decayed manure of any kind. Water well at all times. The best effect

is given by planting large masses of one color, setting the plants 18 inches apart.

ROBIN HOOD In this splendid new canna we introduce to our friends the finest pure scarlet canna that has ever been developed. Its blooms are immense size and more beautiful in form than any we have seen. The foliage is bright green, very heavy and remarkably strong in growth. 4 to 5 feet high. 35c each; \$3.50 per doz., postpaid.



Yellow King Humbert Canna.

THE PRESIDENT. This is described best when said to combine all the good qualities of Fire Bird with none of its faults. Blooms are pure crimson and foliage deep green. Height, 4 to 5 feet. 20 cts. each; \$2.00 per doz., postpaid.

KING HUMBERT. The most popular of cannas. Gigantic orange scarlet trusses with red markings. Foliage deep coppery bronze. 5 feet tall. 10 cts. each; \$1.00 per doz., postpaid.

YELLOW KING HUMBERT, or QUEEN HELEN. A yellow counterpart of the popular King Humbert. Flowers brilliant yellow dotted with red. Foliage green. 5 to 6 feet tall. 10 cts. each; \$1.00 per doz., postpaid.

ROSEA GIGANTEA. Large trusses of soft rose to carmine-pink flowers. Blue-green foliage. Height 3½ feet. 10 cts. each; \$1.00 per doz., postpaid.

EUREKA. Largest of pure white cannas. A free bloomer. 4 to 5 feet tall. 10 cts. each; \$1.00 per doz., postpaid.

LOUISIANA. Strong, vigorous; vivid scarlet flowers, the largest and finest of their color. 7 feet tall. 8 cts. each; 2 for 15 cts.; 75 cts. per doz., postpaid.

ALLEMANIA. Enormous flowers; broad golden border, scarlet and dark red. 5 to 6 feet tall. 8 cts. each; 2 for 15 cts.; 75 cts. per doz., postpaid.

WYOMING. Orange flowers with lighter colored border. Foliage purplish bronze. 10 cts. each; 2 for 15 cts.; 75 cts. per doz., postpaid.

Gladioli

AMERICA. The beautiful lavender-pink flowers are borne on long stems and are firmly placed on the spike. 10 cts. each; 12 for \$1.00, postpaid.

AUGUSTA. Spikes of attractive blooms, in color white with blue anthers. 10 cts. each; 12 for \$1, postpaid.

HALLEY. Extra early bloomer with well formed flowers of an attractive delicate rose, with white blotch. 10 cts. each; 12 for \$1.00 postpaid.

MRS. FRANCIS KING. Large spikes of beautiful light scarlet flowers. 10 cts. each; 12 for \$1, postpaid.

MRS. FRANK PENDLETON. Large flowers of a lovely flushed salmon pink with deep blood red blotches at the throat. 15 cts. each; 12 for \$1.50, postpaid.



America Gladiolus.

CAPITOL CITY MIXTURE. This is a special mixture comprising all the most desirable colors. The tall stalks carry long spikes of beautiful flowers. Is very easily grown. 6 for 35 cts.; 12 for 60 cts.; 50 for \$1.50, or 100 for \$3.00.

Miscellaneous Bulbs

LILLY OF THE VALLEY. Strong roots of this old garden favorite. 15 cts. each; \$1.50 per doz., postpaid.

CALADIUM ESCULENTUM (Elephant's Ear). The large leaves attain an enormous size and the single plants are most effective as individual specimens on the lawn.

Mammoth Bulbs, 11 to 13 inches, 25 cts. each.

Large Bulbs, 9 to 11 inches, 10 cts. each.

By mail, add 10 cts. each for postage.

CINNAMON VINE. A hardy climber, which grows very rapidly. The foliage is bright green in color and the white flowers are cinnamon-scented. 8 cts. each; 6 for 40 cts.; 12 for 75 cts., postpaid.

MADEIRA VINE. A very quick growing vine, bearing fragrant white flowers. 5 cts. each; 12 for 40 cts., postpaid.

EXCELSIOR PEARL TUBEROSE, Mammoth Size Bulbs. Deliciously fragrant white flowers. Plant in the garden as soon as all danger from frost is past. 5 cts. each; 6 for 25 cts.; 12 for 45 cts.; 25 for 75 cts., or 100 for \$2.75, postpaid.

Peonies

ACCHILE. Rose to white. 50 cts.

COURNNE DE OR. Yellowish white. 50 cts.

ENDULUS SUPERBA. Violet rose. 60 cts.

FELIX CROUSE. Brilliant red. 75 cts.

FLORAL TREASURE. Blush white. 75 cts.

LOUISE VAN HOUTTE. Rich rose red. 50 cts.

MONS JULES ELIE. Large light pink; fragrant. 80 cts.

MONSIEUR KRELAGE. Cerise pink; extra fine and fragrant. 90 cts.

NE PLUS ULTRA. Violet rose; fragrant; very fine. \$1.

QUEEN VICTORIA. White flecked with red. 50 cts.

VENUS. Shell pink, extra large ball-shaped blooms. \$1.

ZOE CALLOT. Rose fragrant. 70 cts.

UNNAMED VARIETIES. Very fine strains are included among these roots, but are sold at the cheaper price because they are mixed. 40 cts. each.



Mina Burgle Dahlia.

DAHLIAS

We wish to call particular attention to the number of splendid new varieties we are offering to our customers this year. It is always our desire to furnish the best, and we feel that we are justly proud of what we are listing below.

The Dahlia is of the easiest possible culture. Plant in good soil in the full sunlight, and keep the ground well worked or mulched, and you will be repaid by showers of bloom.

**One Each of All Dahlias Listed,
\$7.50, Postpaid.**

FOUR NEW GIANT DAHLIAS

For size, coloring, form and vigor of growth, these varieties are in a class by themselves.

The four for \$1.50.

L. KRAMER PEACOCK. The ideal white decorative, for garden or cutting. The flowers are large, of perfect form, pure white and of great substance, keeping a long time after being cut. The plant is a strong vigorous grower, of dwarf branching habit, and a profuse bloomer. **40 cts. each; 6 for \$2.25.**

MRS. ROOSEVELT. A most beautiful flower. It is of immense size, fine color, graceful form and has excellent stems for cutting. Flowers are 6 to 8 inches in diameter. Delicate pink, shading to soft pink. **40c each; 6 for \$2.75.**

MINA BURGLE. This new introduction is one of the finest varieties to date—a champion variety, producing flowers of gigantic size and remarkable beauty; the best in existence. Color, a glowing and most brilliant scarlet. The flowers are of perfect Decorative type, and are borne upon long, wiry stems well above the foliage. Attracts universal attention. **50 cts. each; 6 for \$2.75.**

BREAK O' DAY. A new giant dahlia that should be in every collection. Of immense size and irregular formation. A delicate clear sulphur yellow, tinting to sulphur white at the tips. The petals are of great substance illuminated by a satiny sheen, giving the flowers a waxy appearance. A strong vigorous grower and free bloomer with long erect stems. **50 cts. each; 6 for \$2.75.**

NEW PEONY-FLOWERED DAHLIAS — The Four for \$1.00.

HORTULANUS BUDDE. Gorgeous Holland Peony-flowered Dahlia. A bright deep red; of splendid habit. One of the most reliable. **25 cts. each; 6 for \$1.35.**

JOHN GREEN. Yellow, tipped red, irregularly formed petals; early and extremely profuse bloomer. **30 cts. each; 6 for \$1.65.**

NATALIE. Very large, lilac edged lavender. Fine form and profuse bloomer on long stems. **30c each; 6 for \$1.65.**

QUEEN WILHELMINA, Giant Holland Peony-Flowered Dahlia. Largest and finest of the pure white sorts; excellent for decorative work and unsurpassed as a cut flower. Blossoms produced upon long, graceful stems, well above the foliage. An immense, fluffy flower of pure glistening white, showing its beautiful golden-yellow center very prominently, which lends an additional charm to this most beautiful flower. **25 cts. each; 6 for \$1.35.**

SUPERB CACTUS DAHLIAS

One each of Seven Cactus Dahlias Listed, \$1.50.



COUNTESS OF LONSDALE. A peculiar but pleasing blend of salmon-pink and amber; flowers freely under all conditions. 25 cts. each; 6 for \$1.35.

ELLA KRAMER. Rose-pink with much brighter center; of fine form. 25 cts. each; 6 for \$1.35.

EUREKA. Color, very deep purple. Petals are long, straight and tightly quilled. 20 cts. each; 6 for \$1.10.

GOLDEN GATE. Large hybrid cactus, of a rich deep golden yellow, suffused and shaded amber. Plant is a very vigorous grower, producing giant flowers on very long stiff but graceful stems. 35c each; 6 for \$2.00.

J. H. JACKSON. The finest black dahlia in existence. Color deep, blackest maroon. Gigantic in

size. 25 cts. each; 6 for \$1.35.

MARJORIE CASTLETON. The best standard pink Cactus Dahlia. It is much softer than most pinks, and is an early continuous bloomer. The color is soft rose pink, tinting lighter toward the center. It is a very rapid grower with stiff stems, and keeps well after cutting. 20 cts. each; 6 for \$1.10.

QUEEN OF HEARTS. A beautiful white with yellow at the base of the petals, making it a most lovely and effective flower. 20 cts. each; 6 for \$1.10.

SIX SUPERB DOUBLE SHOW DAHLIAS

One each of Six Show Dahlias Listed for \$1.15.

A. D. LIVONI. Beautiful clear pink; of perfect form 25 cts. each; 6 for \$1.35.

GOLDEN AGE. Sulphur-yellow. Free-flowering. 25 cts. each; 6 for \$1.35.

LUCY FAWCETT. A very large, quilled bloom; sulphur-yellow, lightly striped and blotched carmine; sometimes clear yellow. 25 cts. each; 6 for \$1.35.

TANSBORO. Crimson shaded maroon, white suffused crimson at base of petals, early and profuse. 35 cts. each; 6 for \$2.00.

STRADELLA. Beautiful deep purple-crimson. Exceptionally free flowering. Stems long and wiry. One of the finest to date. 20 cts. each; 6 for \$1.10.

WHITE SWAN. Pure white, the standard commercial Ball Dahlia. A strong grower and free bloomer. 20 cts. each; 6 for \$1.10.

TWELVE CHOICEST DECORATIVE DAHLIAS

One each of Twelve Decorative Dahlias Listed for \$2.50; Any Six for \$1.25.

CLIFFORD W. BRUTON. The best yellow. Immense size, perfect form, finest canary-yellow. Tall. 20 cts. each; 6 for \$1.10.

CUBAN GIANT. An immense, full-double, quilled Dahlia, 6 to 7 inches in diameter. Color dark, glowing crimson. 25 cts. each; 6 for \$1.35.

ELSIE DAVIDSON. A beautiful deep, golden yellow, very large, and fine for cutting. 25 cts. each; 6 for \$1.35.

GRAND DUKE ALEXIS. Very large flower with quilled petals. Color white, lightly edged lavender pink. A strong grower and free bloomer. One of the best. 40 cts. each; 6 for \$2.25.

HORTULANUS WITTE. Very large, pure white; with good stems. One of the best. 25 cts. each; 6 for \$1.35.

JACK ROSE. Brilliant crimson red, similar to the popular "Jack" Rose. 20 cts. each; 6 for \$1.10.

LYNDHURST. One of the best bright scarlets; invaluable for cutting; large, perfectly full center; long stems. 20 cts. each; 6 for \$1.10.

MINNIE McCULLOUGH. One of the most indispensable decorative varieties. Entirely distinct on account of the gold and red combination that is seen in autumn leaves. It shows up especially fine under artificial light. 20 cts. each; 6 for \$1.10.

PINK JACK ROSE. A pink sport of Jack Rose; a very free bloomer and fine for bedding. 20 cts. each; 6 for \$1.

PRINCE OF ORANGE. A novel combination of orange and yellow shades. 25 cts. each; 6 for \$1.35.

SOUVENIR DE GUSTAVE DOAZON. A pure scarlet decorative variety of mammoth proportions; will produce flowers 6 to 9 inches across. 25 cts. each; 6 for \$1.35.

SYLVIA. Deep pink, tinting to light pink at the center; large perfectly formed flowers produced perfectly on long stiff stems. It is a strong vigorous producer of selected stock. Indispensable where a quantity of flowers are wanted. 20 cts. each; 6 for \$1.10.



Countess of Lonsdale.

PLANT SECTION

Some firms are sending out mailing size roses that are hardly more than rooted cuttings; we do not handle that kind; our plants are grown in 3-inch pots, are strong and vigorous and ready to bloom at once. These are sent to you postpaid at the prices quoted. It will be better, however, for you to have them come by express, as all the soil can then be left on the roots, which is a great advantage.

Our two-year Roses were all in bloom last summer, and are wintered outdoors where they have an entire rest; these are not like the exhausted hothouse plants sold by some; they go by express at your expense at the price given.

PRICES ON ALL ROSES

1-year Mailing Size, 35 cts., postpaid.

Strong 2-year Plants, \$1.00.

Weight, per plant, about 1 pound.

Hardy Hybrid Tea Roses

BESSIE BROWN. White, sometimes flushed pink.

COLUMBIA. Peach Blow pink.

GRUSS AN TEPLITZ. Richest scarlet, shading to velvety crimson.

HOOSIER BEAUTY. Rich crimson, scarlet.

JONKHEER J. L. MOCK. Bright pink, faced carmine.

KAISERINE AUGUSTA VICTORIA. Soft pearly white, tinted lemon.

LADY ALICE STANLEY. Deep coral rose, inside delicate pink.

MADAM CAROLINE TESTOUT. Brilliant satiny rose.

MADAM CONSTANT SOUPERT. Deep yellow, edged with deep feathered pink.

MRS. AARON WARD. Indian yellow, shading lighter toward the edge.

OPHELIA. Salmon flesh, shaded with rose.

RADIANCE. Rich silvery pink.

RED RADIANCE. Clear cerise red.

RHEA REID. Vivid scarlet crimson.

RICHMOND. Brilliant scarlet crimson.

SUNBURST. Orange copper blended with golden orange and yellow.

W. R. SMITH. White overlaid with clear, bright pink.

Tea Roses

MADAM FRANCISCA KRUGER. A deep coppery yellow.

PINK MAMAN COCHET. Rich pink, changing to silvery rose.

WHITE MAMAN COCHET. Pure white.

China Roses

CLOTHILDE SOUPERT. Soft shell pink.

FRAU KARL DRUSCHKI. The best pure white.

QUEEN'S SCARLET. Bright, fiery scarlet.

Everblooming Climbing Roses

CLIMBING CLOTHILDE SOUPERT. Ivory white.

CLIMBING KILLARNEY. Deep shell pink.

CLIMBING JULES GRAVERAUX. White tinted with blush pink, with yellow base.

CLIMBING PAUL NEYRON. A fine pink color.

EMPRESS OF CHINA. Soft red, becoming a brighter shade as the flower ages.

MARECHAL NEIL. Superb bright golden yellow.

MARY WASHINGTON. Medium sized flowers of pure white.

MRS. ROBERT PEARY. Large pure white flowers.

PAUL'S SCARLET CLIMBER. Vividly brilliant scarlet.

Rambler Roses

AMERICAN BEAUTY. Fine dark pink to red.

CRIMSON RAMBLER. Brilliant crimson.

DOROTHY PERKINS. Lovely shell pink.

WHITE DOROTHY PERKINS. Pure white.

RED DOROTHY PERKINS. Fine pure red.

TAUSENDSCHOEN. Soft pink, changing to carmine.

FRUIT DEPARTMENT

APPLE TREES. 4 to 5 feet. \$1.00 each; \$8.00 per 10.
Winter Varieties: Delicious, Stayman, Jonathan, Wine-sap, York Imperial, Mammoth Black Twig.

Autumn Varieties: Grimes Golden, Maiden Blush.

Summer Varieties: Yellow Transparent, Early Harvest.

PEAR TREES. 4 to 5 feet. \$1.50 each; \$12.50 per 10.

Varieties: Barlett, Seckel, and Kieffer.

CHERRY TREES. 4 to 5 feet. \$1.50 each.

Sour Varieties: Montmorency, Early Richmond.

Sweet Varieties: Tartarian and Yellow Spanish.

QUINCE TREES. 4 to 5 feet. \$1.50 each.

PEACH TREES. Assorted varieties early to late. 65 cts. each; \$4.00 per 10.

RASPBERRIES (BLACK CAPS). 20 cts. each; \$1.00 per 10.

Varieties: Cumberland, Kansas, and Gregg.

RASPBERRIES, RED. 20 cts. each; \$1.00 per 10.

GRAPE VINES. 35 cts. each.

Varieties: Concord, Niagara, Worden, Moores, Early, and Delaware.

HORSE RADISH. 20 cts. each; \$1.50 per 10.

STRAWBERRIES. \$1.50 per 100; \$8.00 per 1,000.

Varieties: Aroma, Gaudy, Early Ozark, Klondyke.

EVERBEARING STRAWBERRIES. \$3 per 100; \$12.50 per 1,000.

Varieties: Progressive, Superb.

SHADE TREES

NORWAY MAPLE. 10 to 12 feet. \$2.50 each.

SILVER MAPLE. 8 to 10 feet, \$1.00 each; 10 to 12 feet, \$1.50 each.

ENGLISH WALNUT. 2 to 6 feet. \$1.00 each.

CATALPA BUNGEI, GRAFTED. \$3.00 each.

LOMBARDY POPLAR. 12 to 14 feet. \$2.00 each; \$10 per 10.

ORIENTAL PLANE. 12 to 14 feet, \$3.00 each; 8 to 10 feet, \$1.50 each.

HORSE CHESTNUT. 8 to 10 feet. \$3.00 each.

AMERICAN LINDEN. 10 to 12 feet. \$3.00 each.

AMERICAN ELM. 10 to 14 feet. \$3.00 each.

EVERGREENS

ARBORVITAE, American. Tall rapid grower. 2 to 3 feet, \$1.50; 3½ to 4 feet, \$3.50; 4½ to 5 feet, \$5.00.

Pyramidal. Dense dark green foliage. 2 feet, \$2.00; 3 feet, \$3.00; 4 feet, \$4.25.

Globe. Dwarf low growing. 12 to 15 inches, \$1.50.

GOLDEN ARBORVITAE. Foliage light yellow. 18 to 24 inches, \$2.50; 2 to 3 feet, \$3.50.

BIOTA ORIENTALIS. 15 to 18 inches, \$1.50; 2 to 3 feet, \$2.00.

CEDARS, Communis Prostrata. Low spreading types. 1½ to 2 feet, \$2.00; 2½ to 3 feet, \$3.50.

Red. Nursery grown. 3 to 4 feet, \$2.00; 4 to 5 feet, \$4.

Tufted. Dark green fluffy foliage. 2 to 3 feet, \$4.00.

RETINISPORAS, Pisifera. 15 to 18 inches, \$1.50; 2 to 2½ feet, \$3.00; 4 to 5 feet, \$5.00.

Plumosa. 18 inches, \$1.50; 2½ to 3 feet, \$3.50.

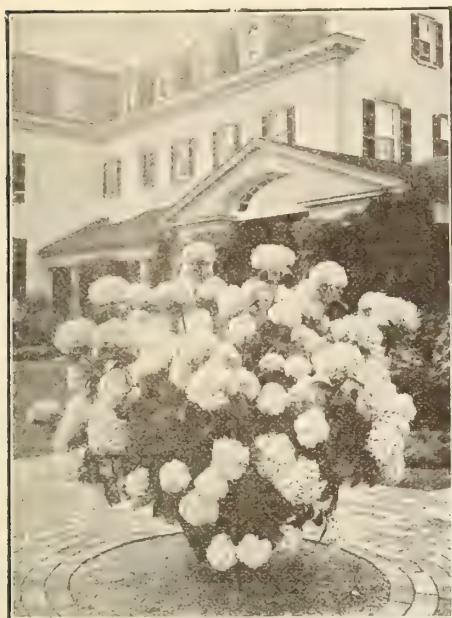
Squarrosa, Silver Retinispora. 15 to 18 inches, \$2.00; 2 to 2½ feet, \$3.00.

SPRUCE, Norway. Rapid grower; fine specimen. 18 to 24 inches, \$1.50; 3 to 4 feet, \$3.50.

Engleman. Dull blue foliage. 2 to 3 feet, \$3.50.

Colorado Blue. 1½ to 2 feet, \$2.50; 2 to 2½ feet, \$4; 2½ to 3 feet, \$6.00; 3 to 3½ feet, \$7.00.

HARDY FLOWERING SHRUBS



Hydrangea.

To bring out the full effect of the beauty of Annual and Perennial flowers, there is nothing equal to a harmonious background of hardy flowering shrubs. Our selection is designed for the average home, and will enable the owner to have a charming display of beautiful flowers for the spring, summer and autumn, in addition to the added color of berries, fruit, leaves and bark, all of which makes the home more enjoyable at all seasons. Our shrubs are of tested varieties and sold at prices which will enable you to beautify your grounds at small cost. Experienced nurserymen only grow and ship our stocks, which will succeed with a reasonable amount of care and attention, and give a lasting pleasure.

Prices are for stock at our store, or packed ready for shipment at the Nurseries near Washington, D. C.

ALTHEA. Rose of Sharon. Bloom in August and September, large, bright, single and double flowers. Fine specimen border or hedge plants; stand clipping well. Double rose, purple, red and single white, 3 to 4 feet, 75 cts. each; \$5.00 per 10.

ARONA. Small white tinted flowers followed by bright black-berry-like fruits, valuable to attract birds. 2 to 3 feet, 75c each.

CALYCANTHUS. Old-time sweet shrub; queer, strong-scented flowers, sometimes called Carolina Allspice. 2 to 3 feet, 90 cts.

CEANOETHUS. New Jersey Tea; dwarf shrub; white flowers in dense clusters all summer. 2 to 3 feet, 75c each. Improved variety, light blue flowers, 2 to 3 feet, \$1.00 each.

CORNUS SIBERICA. Siberian Dog Wood. Valuable for its white berries and scarlet red twigs in winter. Yellow twigged variety for contrast will grow in damp and shady places. 2 to 3 feet, 60 cts.; 3 to 4 feet, 75 cts., 10 for \$5.00.

CYDONIA. Flowering Quince. A grand old-time shrub covered in spring with dazzling scarlet flowers. Good foliage and thorns will protect your lawn from people who like to make short cuts. 2 to 3 feet, 75 cts. each.

DUTZIA. Several varieties ranging in height from 2 to 16 feet. **Crenata.** Tall, with double pure white flowers; a very handsome free-flowering plant.

Pride of Rochester. The largest white flowering variety. **Crenata Rosea.** Fine clusters of single pink flowers. The above varieties of Dutzia, 2 to 3 feet, 60 cts. each, \$5.00 per ten; 3 to 4 feet, 70 cts. each.

Gracilis. Dwarf growing, very bushy, covered with pure white flowers in May; a splendid edging or low hedge plant. 18 to 24 inches, 75 cts.

LILACS. The most charming of flowering shrubs. **Vulgaris.** The old-fashioned lilac, light purple flowers. **Vulgaris Alba.** The old-fashioned white lilac. 3 to 4 feet, 80 cts. each, \$6.00 per 10.

Charles K. Loose trusses of single flowers of reddish purple, a fast grower with large glossy leaves.

Fres. Grevy. Huge panicles of beautiful shape of light blue. **Souv. de Ludwig Spaeth.** The most beautiful of the dark blue French.

Frau Bertha Damon. Extra large trusses of pure white flowers. **Mad. Lemoine.** Double pure white, very fine.

The above five varieties—3 to 4 feet, \$1.00 each; 2 to 3 feet, 80 cts. each, \$7.50 per 10.

FORSYTHIA. Golden Bell. One of the first shrubs to bloom in the spring; masses of bright golden yellow flowers before the leaves appear.

Suspensa. Graceful shrub with long slender branches; dark green foliage; can be trained on trellises or arches.

Intermedia. The first to bloom, more upright grower than **Suspensa.**

Viridissima. Tall grower with golden flowers. 3 to 4 feet, 75 cts. each, \$5.00 for 10.

HYDRANGEA. **Arborescens Grandiflora.** Banks of Snow. All summer flowering shrub; large, pure white flowers. Heads often 10 inches across. A grand new hardy shrub. 2 to 3 feet, 75 cts. each, 10 for \$5.00.

Panicula Grandiflora. This grand old shrub is one of the most showy shrubs during August and September. Massive white blooms, pure white, turning to pink and then to bronze. Can be grown in tree form for specimen or kept low for mass plantings. 2 to 3 feet, 90 cts. each.

LONICERAS. High Bush Honeysuckles. Bright, pretty, fragrant flowers in spring followed by showy berries through the fall and early winter. A wonderful plant to attract birds. A very good hedge plant.

Fragrantissima. Pink and white flowers early in spring; fragrant.

Morrowii. 4 to 6 feet; pure white flowers early in spring, followed by bright red berries.

Rubra. Deep rose pink; flowers in June.

The above five sorts—2 to 3 feet, 50 cts each; 3 to 4 feet, 80 cts. each.

PHILADELPHUS. Mock Orange.

Avalanche. Very large fragrant flowers on slender branches which arch gracefully to the ground.

Grandiflorus. Very large white flowers in June.

Lemoines Erectus. Tall shrub, fine foliage, creamy white flowers in June.

The above three varieties—3 to 4 feet, 75 cts. each, \$5.00 per ten.

SYMPHORICARPUS, RACEMOSUS. Snow Berry. Small shrub, small pink and white flowers in July and August. Clusters of waxy white berries in the autumn. 3 to 4 feet, 80 cts. each, \$7.00 for 10.

Vulgarius. Coral berry. Small shrub, dark green foliage, dark red fruits clusters around graceful branches. Valuable plant for dry shady positions. 2 to 3 feet, 75 cts. each, \$4.00 per ten.

SPIREAS. **Arguta Multiflora.** Snow Garland. Drooping branches. A snowy mass of clear white flowers in May. 2 to 3 feet, 70 cts. each.

Opunifolia, Nine Bark. Tall grower, 8 to 10 feet; white flowers in June, turning to a dark red. 3 to 4 feet, 75 cts. each.

Pruniflora, Bridal Wreath. Very effective shrub covered with small double white flowers. 3 to 4 feet, 75 cts. each.

Anthony Waterer. Blooms all summer with panicles of crimson flowers. 18 to 24 inches, 75 cts.

Van Houttei. The grandest of all the Spireas, and one of the best flowering shrubs. Wonderful show of bloom in late May and early June. 2 to 3 feet, 75 cts. each; 3 to 4 feet, 85 cts. each, \$6.00 per 10.

Callosa Alba. Large flat clusters of white flowers nearly all season.

Thunbergii. Fine shrub, 3 to 4 feet, having graceful arching branches with long sprays of white flowers in early spring. The three last varieties of dwarf Spireas, 2 to 3 feet, 75 cts. each, \$5.00 per 10.

VIBURNUM. **Opulus Sterilis.** The old-time snowball. White balls of pure white flowers. As a rule in full bloom Decoration Day. 75 cts.

Plicatum. Japanese Snowball. Of erect, compact growth. A solid mass of pure white in June. 3 to 4 feet, \$1.00 each.

WEIGELIA. Beautiful, free blooming shrubs, much used in borders and as specimen plants for the lawn.

Candida. 4 to 6 feet. Pure white blooms in great profusion in June.

Eva. Rathka. One of the most valuable. Flowers deep carmine red. June and July. 2 to 3 feet, 60 cts.

WISTERIA. Pale blue flowers. 2 to 3 feet, 90 cts.

HEDGE PLANTS

Japanese Barberry. The best and most practical low hedge plant. It also makes a good footing or base planting near the house or as a border plant in front of tall growing shrubs. They can be allowed to grow naturally or pruned into any hedge form desired.

	Per 10.	100.
12 to 18 inches.....	\$3.00	\$20.00
18 to 24 inches.....	4.50	35.00

California Privet. The best known hedge plant. Dark green foliage which hangs to the plant until midwinter.

	Per 10.	100.
12 to 18 inches.....	\$1.25	\$ 8.00
18 to 24 inches.....	1.40	10.00
2 to 3 feet.....	1.50	12.50
4 to 5 feet.....	2.00	17.50

BABY CHICKS BY MAIL



The elimination of doubt in incubating eggs has been such a boon to poultry raisers that the baby chick business, at first a subject of ridicule, has become one of the largest departments of the poultry business.

Our trade in baby chicks has increased with such rapidity that it is almost impossible to tell with absolute certainty what proportions our sales will be the coming season. Nevertheless, we know that the safest plan for our friends to follow is not to wait until late in the season or until a few days before you wish the chicks, but to order early and be sure of getting your order in good time.

Be sure when writing us that your full name and post-office is very plainly given. State plainly the number and variety of chicks you want, when wanted, and we will acknowledge receipt of your order at once, and tell you about when the chicks will be shipped.

Cash must be sent with your order, for we cannot ship C. O. D., by express or parcel post.

We guarantee to deliver 97 per cent of the Baby Chicks to you in good condition.

Examine the Shipments

On arrival open box, if any chicks are dead have postman mark number on the back of the receipt and return the receipt to us, and we will refund your money for them or replace them free of charge. In this way you have no loss and get full number you pay for. We have successfully shipped baby chicks 1,000 miles and can guarantee safe arrival.

All claims must be made within twenty-four hours, together with a statement from your postmaster, showing the chicks were received in poor condition.

Have the brooder warmed up and ready to receive and care for the chicks properly.

Don't give baby chicks cold water to drink. Don't over-feed chicks. Either of the above will start bowel troubles. Feed liberally, so long as they keep active. Keep their backs warm.

Single Comb White Leghorns

The ever-increasing demand for Leghorn eggs in the New York market has led observing poultrymen and farmers to look to the Leghorn hen for highly profitable results.

"America's Business Hen" has proven a winner, and to-day there are hundreds of large and small commercial Leghorn farms successfully operated in New York, New Jersey, Maryland and right through to the South and far Western coast.

Single Comb Brown Leghorns

That the modern Single Comb Brown Leghorn is the most beautiful variety in color and markings of the Leghorn family is generally admitted.

Many breeders of Brown Leghorns consider their egg-producing quality of very great importance. They lay a well-shaped white egg, weighing from 24 to 26 ounces to the dozen.

Barred Plymouth Rocks

The Barred Plymouth Rock is most widely known as a general purpose fowl, a breed which has proven its value as a market fowl and an egg producer. They are extremely and well adapted as a profitable and popular farm flock.

We breed for constitutional vigor, thereby maintaining the greatest vitality of the flock to attain as high an egg production as is consistent with retained vitality.

Rhode Island Reds

As a "business hen" for eggs and meat they are hard to beat. They lay a well-shaped, good-sized brown egg, and mostly uniform in shape, size and color.

The matured feathering of the Rhode Island Red is not as yet uniform in coloring. This is being improved each year, to the great credit of hundreds of our best breeders of America.

We can also supply other varieties you may wish, and will gladly answer your inquiries with lists and prices.

BABY CHICKS AND EGGS

Variety.	25 Chicks.	50 Chicks.	100 Chicks.	500 Chicks.	15 Eggs.	50 Eggs.	100 Eggs.
S. C. White Leghorns	\$6.00	\$11.00	\$20.00	\$95.00	\$3.00	\$7.00	\$12.00
S. C. Brown Leghorns	6.00	11.00	20.00	95.00			
Barred Plymouth Rocks	6.50	12.00	22.00	105.00	3.00	7.00	12.00
S. C. Rhode Island Reds	6.50	12.00	22.00	105.00	3.00	7.00	12.00
R. C. Rhode Island Reds	6.50	12.00	22.00	105.00	3.00	7.00	12.00
S. C. Black Minorcas	7.00	13.00	25.00	120.00	3.00	7.00	12.00
White Plymouth Rocks	9.00	16.00	30.00	120.00	3.00	7.00	12.00
White Wyandottes	7.00	13.00	25.00	120.00	3.00	7.00	12.00

If prices are reduced at the time of shipment the purchaser will be proportionately credited with the amount due or enough additional Chicks shipped to make up the difference, or money will be refunded.

If Chicks ordered are not wanted for a month or more 25 per cent of payment is all that is required at the time of placing order. Balance must be paid ten days before date given for shipment. All orders are acknowledged same day received, with approximate date of shipment given.

"Everything for the Poultryman"

CONSULT THE MANAGER OF OUR POULTRY SUPPLY DEPARTMENT

When we started our Poultry Department our aim was to be the largest and best known in this city, and we are rapidly reaching our goal. This is an indication that we have pleased our customers.

Look over this section of our catalogue, no matter how few chickens you keep; you will find something that will be a labor-saver and a profit-maker.

If you cannot find what you want in this catalogue, we have it at the store, or can get it for you without a minute's unnecessary delay. Be sure to get a bottle of FER-SUL, see page 62.

PRAIRIE STATE INCUBATORS AND BROODERS

37 YEARS AT IT BRINGS SUCCESS

The development of Prairie State equipment to its present high degree of perfection was not due to chance, but to years of hard, diligent study and experiment along scientific as well as practical lines. A great many people have entered into the manufacture of incubators and brooders with the crude idea that it did not require any special knowledge or experience to produce successful equipment. This accounts for so many impractical machines being foisted upon an unsuspecting public, and also for the prejudice which many people still have against incubator and brooder.

We all know it is no easy task to imitate nature, and especially is this true in the process of changing the outwardly inanimate nature of an egg into a living chick. Even the hen has her troubles, sometimes complete failure. Then, is it not reasonable to assume that to build a machine to do the work of nature it must be made on scientific principles and in a thorough workmanlike manner?

This accounts for the fact that Prairie State machines, representing as they do the highest development in mechanical devices for artificial incubation, built by skilled mechanics, cannot be sold on a par with the numerous cheap low-priced affairs. And, if the prospective buyer could see the Prairie State product side by side with the low-priced machine, no question would remain as to which is the better value.

Prairie State Incubators Are Built to "Hatch Chicks That Live"

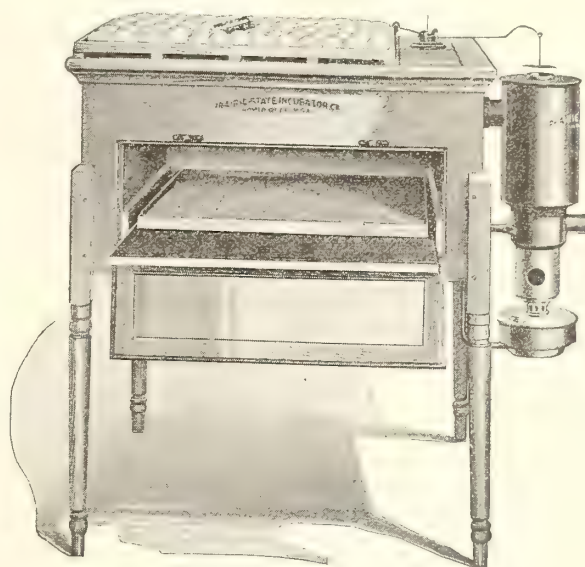
Real merit always stands out, and it is this quality which has given to Prairie State incubators and brooders the reputation they have long enjoyed of being the best in the world. Ask any poultry expert—any poultryman who makes poultry-raising his life work—the man who knows, and he will tell you that the Prairie State heads them all.

No. 0 STANDARD SERIES SAND TRAY INCUBATOR. Price, \$30.00 f. o. b. Washington. Capacity, 100 hen eggs. Dimensions—Top, 25 by 30½ inches. Total height, 38 ins. Weight, crated—about 135 pounds. Weight, net—about 87 pounds. Equipment—1 galvanized hardware cloth egg tray, 1 thermometer, tested and mounted; 1 egg tester, 2 non-roll slats, 1 removable burlap mat, extra wicks, one-piece seamless lamp, galvanized sand tray, operating directions—everything complete, ready to run, except the eggs and oil.

No. 1 STANDARD SERIES SAND TRAY INCUBATOR. Price, \$37.50. Capacity, 150 hen eggs, 115 duck eggs. Dimensions—Top, 29 by 34 inches, 17 inches deep. Total height, 39½ inches. Weight, crated—about 160 pounds. Weight, net—about 108 pounds. Equipment—1 galvanized hardware cloth egg tray, 1 thermometer, tested and mounted; 1 egg tester, 2 non-roll slats, 1 removable burlap mat, extra wicks, one-piece seamless lamp, galvanized sand tray, operating directions—everything complete, ready to run, except eggs and oil.

No. 2 STANDARD SERIES SAND TRAY INCUBATOR. Price, crated, \$52.50. Capacity, 240 hen eggs, 200 duck

eggs. Dimensions—Top, 38 by 40½ inches; 20½ inches deep. Total height, 42 inches. Weight, crated—about 240 pounds. Weight, net—about 175 pounds. Equipment—2 galvanized hardware cloth egg trays, 2 thermometers, mounted and tested; 1 egg tester, 4 non-roll slats, 2 removable burlap mats, extra wicks, one-piece seamless lamp, 2 galvanized sand trays, operating directions—everything complete, ready to run, except eggs and oil.



No. 3 STANDARD SERIES SAND TRAY INCUBATOR. Price, crated, \$67.50. Capacity, 390 hen eggs, 300 duck eggs. Dimensions—Top, 48 by 45½ inches; 20½ inches deep. Total height, 42 inches. Weight, crated—about 275 pounds. Weight, net—about 220 pounds. Equipment—2 galvanized hardware cloth egg trays, 2 thermometers, mounted and tested; 1 egg tester, 4 non-roll slats, 2 removable burlap mats, extra wicks, one-piece seamless lamp, 2 galvanized sand trays, operating directions—everything complete, ready to run, except eggs and oil.

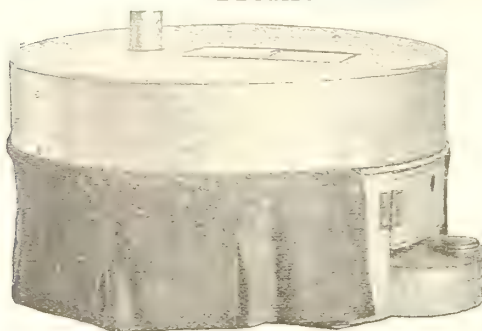
Cypress Case. The outer case is of cypress, known as the wood everlasting. The particular wood employed in constructing an incubator case has no bearing upon the hatching qualities of the machine. We have selected cypress at a considerable cost to ourselves over other woods because it is the most durable under all possible atmospheric or climatic conditions, and because it takes so well the beautiful natural-wood finish characteristic of Prairie State incubators.

The inner case, or egg-chamber, is constructed of thoroughly seasoned soft wood, such as pine or poplar, all joints being tongued and grooved.

No sheet steel enters into the Prairie State case. A satisfactory sheet-steel case might be made, but if properly constructed would necessitate a much higher price.

Nor do we resort to inferior substitutes, such as pasteboard, burlap, oil cloth or combination board. Such materials cannot last under the varying conditions of incubator use.

Home Hover



Families having hatches of 40 to 50 chicks need a Hoover that will care for their chicks, keep them in good condition; it must be light, easily attended to and positive in operation.

We recommend this Hoover because we have

sold it for years with satisfaction, and because it is made by the best incubator people in this country, we believe; low in price, easily handled to clean, and positive in action.

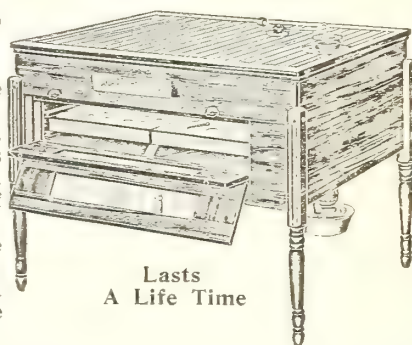
If you are going to raise chicks, get one of these.

50-chick size.....\$5.50

Reliable Standard Incubator

BOTH HOT AIR AND HOT WATER

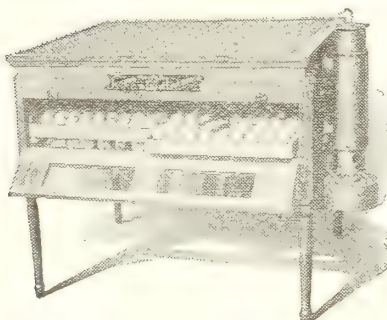
Double wall, double heating system, nursery beneath egg tray, genuine copper tanks in hot water styles. Very best grade of lumber, finished in natural color with three coats of filler and varnish. Prices include all fixtures to complete machine.



Lasts
A Life Time

No. 49A—100 Egg, Hot Air	\$22.50
No. 50A—100 Egg, Hot Water	28.00
No. 51—140 Egg, Hot Air	31.00
No. 52—140 Egg, Hot Water	37.00
No. 53—240 Egg, Hot Air	43.00
No. 54—240 Egg, Hot Water	51.50
No. 55—350 Egg, Hot Air	51.00
No. 56—350 Egg, Hot Water	63.00
No. 57—450 Egg, Hot Air	59.00
No. 58—450 Egg, Hot Water	74.00
No. 77—680 Egg, Hot Air	98.00
No. 78—680 Egg, Hot Water	122.00
No. 79—1100 Egg, Hot Air	155.00
No. 80—1100 Egg, Hot Water	195.00

Reliable Junior Incubator



BOTH HOT AIR AND HOT WATER

Single wall, double heating system with heater outside. Genuine copper tanks in hot water styles. Finished same as Standard Machines. A good hatcher at a very reasonable price. Prices include all fixtures to make machine complete.

No. 81—70 Egg, Hot Air	\$15.50
No. 82—70 Egg, Hot Water	17.00
No. 83—125 Egg, Hot Air	23.50
No. 84—125 Egg, Hot Water	28.00
No. 85—225 Egg, Hot Air	33.00
No. 86—225 Egg, Hot Water	37.00

Reliable Blue Flame Wickless, Oil Heated Colony Hover

POSITIVE OIL LEVEL

SOME OF THE PRINCIPAL FEATURES:

Valveless—No Clogging or Stopping of Oil Flow.

Burns Kerosene
Steady Blue Flame
Comfortable and Easy to Operate
Economy of Operation
Simple in Construction
No Overflowing of Burner

Works On an Oil Level
No Wick to Trim
Abundance of Heat
No Oil Fumes
Convenient and Safe
No Coal, Smoke or Gas

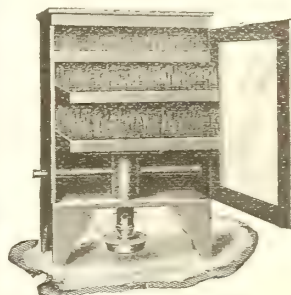


There is nothing to wear out or break in this hover. You can fill the hover to full capacity or you can brood as few as you like, with equal success, and with less work and trouble. Our heater does not take up any floor space under hover, as is the case with the coal stove.

We furnish a one-gallon self-feeder glass oil container with our 30, 42 and 52-inch Hovers and a ½-gallon galvanized steel oil can with our 22-inch Hovers, so that you need have no fear of light going out, for it is simple and requires very little attention. Burns kerosene or coal oil. You can always get either of these, but it is difficult to get hard coal and then only at an exorbitant price. There is no dirt from coal, no ashes to remove, no noise pouring coal in stove to disturb or scare the chicks.

These Hovers are shipped crated compact with everything complete ready to operate and with full instructions without extra cost. We carry a large stock of all sizes, and will give your order our prompt attention.

No.	Size Hover.	Heater Only.	Canopy Only.	Complete Hover.
00	22 inch	\$ 7.25	\$ 3.15	\$10.00
0	30 inch	10.50	8.45	17.50
1	42 inch	11.80	10.40	18.50
2	52 inch	13.35	14.35	21.50



Reliable Grain and Oat Sprouter

Sprouted oats will make hens lay. The Reliable Sprouter will sprout oats in three days. They have galvanized iron panels, large glass doors so light can enter.

3 Tray. For 50 chickens. \$11.50
6 Tray. For 100 chickens. 17.50
12 Tray. For 200 chickens. 28.00

Collins Oat Sprouter

Sprouted oats are positively the best and cheapest green food.

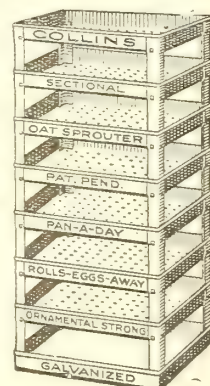
This Oat Sprouter will supply green food for 150 hens.

It is no longer necessary for the manufacturer of an Oat Sprouter to urge the feeding of sprouted oats, because sprouted oats are recognized as the only practical, sensible and effective way of furnishing poultry the green feed they must have if they are to lay prolifically during the winter.

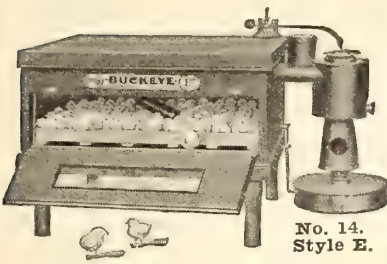
Made of galvanized iron and will last for years.

Nests in Corrugated Boxes 4 Inches High

8 Pans—11x15, the Popular Size. Weight 14 lbs....\$4.00
5 Pans—11x15, small back yard size. Wgt. 9 lbs.... 3.00
8 Pans—11x32, for BIG Business. Wgt. 28 lbs..... 8.00



BUCKEYE INCUBATORS



No. 14.
Style E.

Weight, crated for shipment, 55 lbs.

Capacity, 60 eggs.

Price, \$16.50.

No. 14 is especially adapted for use by the small raiser. It has all the important features of the larger machines, such as the visible thermometer, and the Buck-

eye heating and ventilating system. The temperature is easily regulated and the consumption of oil is low.

No. 16, Style E. Capacity 110 eggs. Weight, crated for shipment, 85 lbs. **Price, \$27.50.** This machine is the same as No. 14, except that it has a greater egg capacity and long legs instead of short ones.

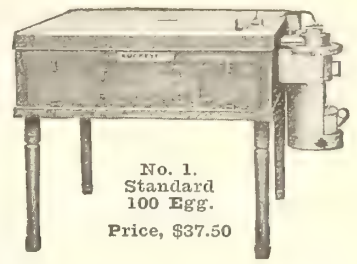


No. 17.
Style E.
200 Egg.
Price, \$36.75.

No. 17, Style E. Capacity 200 eggs. Weight, crated for shipment, 125 lbs. **Price, \$36.75.** Same as No. 16, except that it has greater egg capacity.

All Style E incubators have single walls and are equipped with galvanized rust-resisting heaters.

No. 1 Standard has a capacity of 100 hen eggs or 80 duck eggs. Equipped with oil or gas heater, is complete in every detail and ready for immediate use. The weight, crated for shipment, is 100 lbs. This incubator is insurable and bears the Underwriters' label. An improved feature of all Standard incubators is the enclosed lamp. Equipped with oil or gas heater.



No. 1.
Standard
100 Egg.
Price, \$37.50

No. 2 Standard has a capacity of 175 hen eggs or 140 duck eggs, is equipped with oil or gas heater, and is complete and ready for use. Weight, crated for shipment, 135 pounds. This machine is insurable and bears the Underwriters' label. **Price, \$44.50.**

No. 3 Standard has a capacity of 250 hen eggs or 200 duck eggs, is equipped with oil or gas heater and is complete and ready for use. Weight, crated for shipment, 200 pounds. This machine is insurable and bears the Underwriters' label. **Price, \$57.75.**

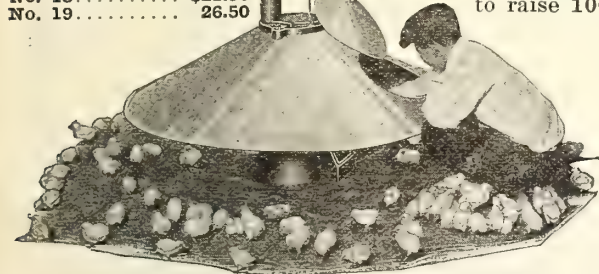
No. 4 Standard has a capacity of 350 hen eggs or 280 duck eggs. Equipped with oil or gas heater and is ready for use. Weight, crated for shipment, 230 lbs. Insurable and bears Underwriters' label. This machine is very convenient for the commercial raiser. **Price, \$68.00.**

No. 5 Standard (Mammoth Standard). Capacity 600 hen eggs or 480 duck eggs. Outside dimensions—54 ins. square, 36 ins. high. Equipped with four egg trays, holding 150 eggs each. Double doors on front and back; oil or gas heater. Complete and ready for use. Bears Underwriters' label. Weight, crated for shipment, 325 lbs. **Price, \$107.00.**

The Standard Colony Brooder

The Standard Colony Brooder will successfully brood 100 chicks or 1,000. It is the simplest, safest and most economical brooder on the market. It cuts the cost of labor in half and reduces cost of operation. A poultryman can now handle 1,000 chicks with about the same amount of work that he formerly took to raise 100.

Standard Colony Brooder
Capacity, 1,000 Chicks
Self-Feeding
Self-Regulating
No. 18.....\$21.50
No. 19.....\$26.50



Hatching Eggs and Baby Chicks in Season.

Burns Any Kind of Fuel. The Standard Colony will burn any kind of fuel—hard or soft coal, coke, charcoal, briquettes, or gas. It is self-regulating. You simply have to adjust the regulator at the beginning of the brooding season, and then forget about it. It is self-feeding. You fill the stove once a day and then no further attention is required, as the fuel automatically feeds the fire until it is entirely burned out. It is guaranteed to burn more than 24 hours in any kind of weather.

Can Be Operated Anywhere. No room is too large or too small for a Standard Colony Brooder.

Absolutely Fire-Proof. It is guaranteed to be fire-proof, and will not increase the cost of insurance.

BUY A BROODER AND BABY CHICKS—THIS WILL PAY YOU

Newton Colony Brooder

The Newton is the original Coal-burning, Self-feeding, Self-regulating Colony Brooder—the machine which actually revolutionized poultry raising—which has been imitated but never equalled.

The One Perfect Brooder.

It has thoroughly demonstrated its right to be called "The One Perfect Brooder," and justly claimed to be superior to any Colony Brooder on the market. Thru



Newton Colony Brooder.

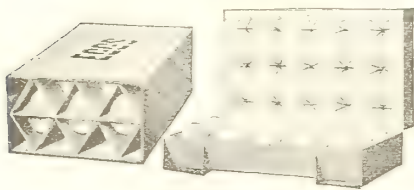
years of practical tests and use under all conditions it has been brought to a point of perfection in the details of construction. The Newton is not an experiment—it has made good. The purchaser of this time-tested Brooder runs no risk; he knows it will give satisfaction. More Newtons are in successful operation than all other makes of coal-burning Colony Brooders combined. Made in three sizes.

No. 6.....\$22.50 No. 7.....\$25.00 No. 11.....\$32.50

The Newtown Giant Incubator is recognized by all leading chicken growers as the best for big work. They are so much in demand that orders have to be taken at least 40 days ahead of delivery time. Capacity, 1,200 to 2,400 eggs.

Prices on application.

Parcel Post Egg Boxes



Of Heavy Cardboard
Most practical way of shipping eggs.

Boxes holding
1 dozen.....25 cts.
2 dozen.....40 cts.
3 dozen.....50 cts.
4 dozen.....60 cts.

Wire Nests

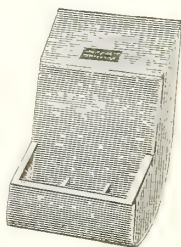
These nests are made of heavy coppered wire, fully braced and will hold their shape longer than other nests on the market. Price, 35 cts.

Chalk Nest Eggs

Per dozen.....30 cts.

Feed and Water Cups

Made of galvanized iron to be hung on coops. 1-pint, 25 cts.; 1-quart, 30 cts.



Dry Mash Hopper

Will not waste the feed. Cannot clog, being wider at bottom than top. Curved bottom throws last bit of feed to front. Four sizes:

No. 1—9 inches.....\$1.75 No. 3—24 inches.....\$2.50
No. 2—15 inches.....2.25 No. 4—36 inches.....3.75

O. K. Exerciser Feeder

The O. K. Exerciser Feeder is one of our leaders, as it is exceptional value for the price. The hopper (holding 12 quarts) is made of No. 28 galvanized steel, and is reinforced with a double thickness around the top. The ball is heavy galvanized rod so that the weight of the grain does not spring it out of shape.

The pendulum rod and grain distributors have the accurate adjustment with two brass nuts, and the convenient separable construction, which are patented features of our Economy Exerciser.

The O. K. Exerciser is perfectly weather-proof; and will compare favorably with any exerciser ever sold at less than two dollars.

Capacity, 12 quarts. Price, \$1.50.



The Peerless Fountain

The Peerless is the all-right fount. The water is always pure; it is protected from dirt and filth. The fowls cannot injure their combs while drinking; easy to fill and easy to clean.

1-quart\$.40
Brooder Size, 5 qts.....1.00
10-quart 1.25



PEERLESS FOUNTAIN HEATERS.....\$2.00

Incubator and Brooder Thermometers

Incubator Thermometers\$.75
Wire Stand for same......15
Brooder Thermometers 75
Moisture Gage for Incubators.....3.00



It is perfectly safe to mark chicks with this Punch soon as hatched. Mark them all and know their age.

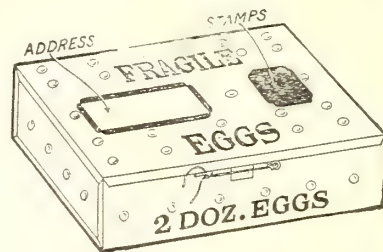
Price 25 cts.

Aluminized Metal Egg Crates

Solve the problem of shipping eggs, butter and other farm products by Parcel Post. They are made for continued use, being strongly constructed, but light in weight.

All crates are provided with built-in shock absorbers to give a cushion for the eggs. Fillers to hold the eggs are made for a long life.

Metal Egg Crates do not require any outside wrapping for mailing. A short string only is needed for tying "pin" which holds lid securely closed.



Dozen-and-a-Half Size—All eggs.....\$.85
Two-Dozen Size—All eggs.....1.00
Three-Dozen Size—All eggs.....1.25
Four-Dozen Size—All eggs.....1.50
Six-Dozen Size—All eggs.....1.75

Combination Crates

WITH CONTAINERS

No. 1—7 lbs. and 2 doz. eggs.....\$1.75
No. 2—3½ lbs. and 1 doz. eggs.....1.50
No. 3—3½ lbs. and 2 doz. eggs.....1.65
No. 4—3½ lbs. and 3 doz. eggs.....1.85
No. 4½—1 lb. and 1 doz. eggs.....1.35

Add postage for 2 lbs. to destination.



A commercial disinfectant and antiseptic that is non-poisonous, odorless and at the same time a tonic is a novelty. For these reasons, if for no others, FER-SUL merits your investigation. FER-SUL kills most bacteria and germs when brought in contact with them and neutralizes most putrescent odors; it also destroys certain weaker forms of vermin.

As FER-SUL has no odor it cannot injure dairy products with its smell.

For a general cleaning up of unsanitary conditions or the removing of ordinary barnyard odors, a liberal spraying of a 5% solution (1-pint of "FER-SUL" to 20 pints of water) will effect the desired result. If the conditions are offensive or if disease has broken out among horses, cattle or swine, use, at first, a 10% solution (1 pint of "FER-SUL" to 10 pints of water), and repeat daily with 5% solution.

FER-SUL, being a liquid, is adapted, naturally, for spraying or sprinkling. It should be used regularly and liberally in the dairy and on poultry farms, and in all barns, stables, pigstys, coops, cesspools, privies, or, in fact, wherever contagion is likely to lurk. When used as directed, no fear need be felt from the after-effects.

FER-SUL has two very marked properties: One, that of a germicide, and the other a tonic. One active in killing disease, the other in restoring health. Detailed instructions for its use in the specific troubles or maladies we have investigated, can be obtained by postal request. 12 ozs., 78 cts.; quart, \$1.30; gallon, \$3.12.



Pratt's Horse and Cattle Remedies

Animal Regulator.....26c and 52c
 Horse and Cattle Condition Powder.....26c and 52c
 Healing Ointment, box.....26c
 Healing Powder, box.....26c

Pratt's Food and Remedies

Poultry Regulator.....26c and 52c
 Poultry Regulator.....12-lb. bag, \$1.35
 Powdered Lice Killer.....26c and 52c
 Head Lice Ointment.....32c
 Liquid Lice Killer.....qt. 50c; 1/2 gal. 85c;
 gallon, \$1.50
 Red Mite Special.....qt. 65c



Whiting's Roupene

A positive preventive and cure for roup, canker, diphtheria, chicken pox, gapes, colds and all diseases of the respiratory organs in fowl and pigeons.

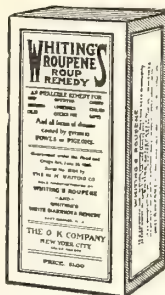
When roup symptoms are first discovered a dose or two of Roupene will kill all trace of the disease. Per bottle, 52 cts.

Whiting's W. D. Remedy

Will absolutely destroy the White Diarrhoea germ. It will cure the trouble and stop spread of disease. Per bottle, 52 cts.

Germozone

A little Germozone in the drinking water will positively cure and prevent bowel trouble of any kind, except that which is caused by lice, improper food, etc. The cause must be removed if a permanent cure is to be expected. Price, per box, 78 cts.



Weak-Nee Well

Weak-Nee Well is a life saver for little chicks, as it will positively cure leg weakness. Has never been known to fail. Is used in the feed, so there is no trouble to give it.

Boxes, 32 cts.



RED CHIEF
GRINDING MILL
Price.....\$4.75



RED
CHIEF
CORN
SHELLER
Price
\$2.50



Leg Bands
ADJUSTABLE

12 for.....20 cts. 50 for.....50 cts.
 25 for.....35 cts. 100 for.....85 cts.



Celluloid Leg Bands

Made in sizes to fit all breeds, even chicks and pigeons. Eight colors — black, white, blue, dark blue, cherry, red, amber, and green. When ordering state breed and color wanted.

12 for.....20 cts. 50 for.....50 cts.
 25 for.....35 cts. 100 for.....85 cts.

Moe's Round Baby Chick Feeder

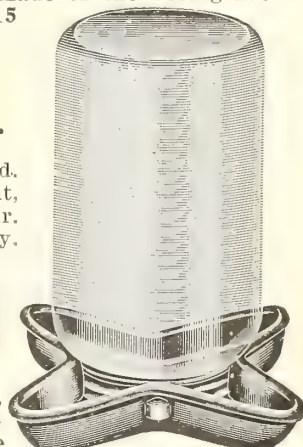
The Most
Convenient and
Commodious
Feeder On the
Market for the
Price.



A great feed saver, as the little chicks cannot get into it and contaminate the feed. It can also be used for water. This is a practical, well-made feeding device that will last for years. Made of the best grade of galvanized iron. Small size, 15 cts.; Large size, 25 cts.

Moe's Star Jar Fountain and Feeder

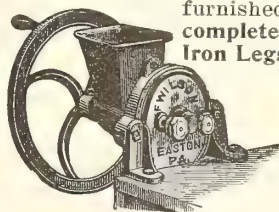
No parts to come unsoldered. Leaking impossible. Will fit pint, quart or half-gallon Mason jar. Convenient, cheap and sanitary. One size only. Price, 10 cts.



Dry Bone and Shell Mills

Made for grinding dry bones, shells, grain and many other substances for poultry. Can also be

furnished with iron legs if desired. Price, complete (as shown in cut), \$6.00; with Iron Legs, \$8.50.



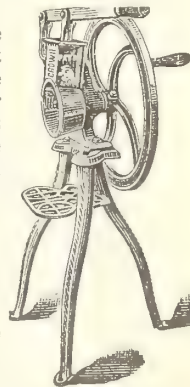
Dry Bone Mill.

The Crown Green Bone Cutter

Mounted on Iron Legs.....\$21.75
 Not Mounted 18.00

The Crown Green Bone Cutter surpasses all others in easy and

rapid cutting. They feed automatically and leave both hands free to operate; the feed regulates the power required so that it cannot run hard. The feed screw is large and has a coarse thread that will not wear out nor crush down nor break. The gears are guarded so that they cannot clog. The cylinder has been enlarged so they can take in a good size bone. They have adjustable steel knives; they are strongly built, and will not break or wear out.



Green Bone Mill.

Egg-O-Latum

Egg-O-Latum is a soft, white, preservative wax. First applied to the palms of your hands to warm and soften the Egg-O-Latum—then rubbed on the eggs. A dozen per minute can be handled in this way. Do not wash the eggs. Egg-O-Latum keeps indefinitely. Two sizes. For 50 doz. eggs, 50 cts.; for 200 doz. eggs, \$1.

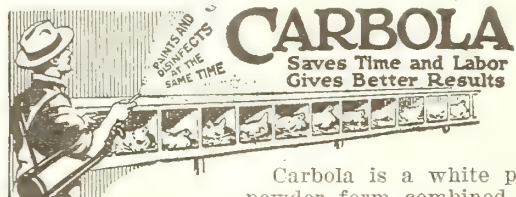
The Star Poultry and Live Stock Remedies and Poultry Foods

FOR POULTRY

STAR-CHIC-A is a complete food for the chick from the time of hatching until it is ready to take care of itself. Water, grit and charcoal is all that are needed when STAR-CHIC-A is used as a food. 1-lb. pkg. 10 cts. (by mail 15 cts.); 5-lb. pkg. 40 cts. (by mail 60 cts.). In bags, 12½ lbs. 90 cts.; 25 lbs. \$1.60; 50 lbs. \$3.00; 100 lbs. \$5.75. Post-age extra.

STAR-CALF-A is a body builder for the Baby Calf, and it cannot be too highly recommended to breeders as a whole or partial food for their calves. The profit comes from feeding STAR-CALF-A with skimmed milk and there is no wisdom when feeding calves whole milk containing 30 per cent butter fat, when you can raise just as good or better calves with STAR-CALF-A and skimmed milk. 25-lb. bag, \$1.50; 50-lb. bag, \$2.75; 100-lb. bag, \$5.00. Express or freight extra.

Star Roup Powder	26c	and 52c
Star Blue Powder for Fowl Cholera.....	26c	and 52c
Star Gape Powder	26c	and 52c
Star White Diarrhoea Tablet.....	52c	
Star Blackhead Powder Turkey Raiser.....	26c	and 52c
Star Scaly Leg Ointment.....	26c	
Star Lice Powder	10c	and 26c
Star Lice Ointment	26c	
Star Chicken Pox Treatment.....	52c	



Carbola is a white paint in powder form combined with a disinfectant many times stronger than pure carbolic acid. It is non-poisonous and non-caustic. It kills lice, mites, fly eggs, etc., and helps prevent the start and spread of contagious diseases that affect man, beast and fowl. Carbola is two things in one—a paint that disinfects or a disinfectant that paints. It dries a clear snow white. It saves labor, time and money. It paints and disinfects at one operation in the same time and with the same labor required to paint or disinfect only.

Carbola is recommended for use instead of whitewash in every place where whitewash ordinarily is used, and it is recommended for use instead of whitewash and disinfectants in stables, kennels, poultry houses, rabbit hutches, barns, creameries, hog pens, dairy buildings.

It is recommended for use as a disinfectant wherever one is needed and where the added light that comes from a whitened wall—which walls increase the light from 25 per cent to 50 per cent—is an advantage. Trial pkg. 30 cts.; 10 lbs. \$1.25; 50 lbs. \$5.00.



Baby Chicks by Mail

THROUGHOUT THE SPRING SEASON



Conkey's Chicken Remedies

Conkey's Healing Salve	26c
Conkey's Lice Powder	26c and 52c
Conkey's Limber Neck Remedy	52c
Conkey's Roup Remedy	26c and 52c
Conkey's Gape Cure	26c and 52c
Conkey's Lice Killer	1 qt., 52c
Conkey's Lice Killer	2 qts., 85c
Conkey's Lice Liquid	gal., \$1.25
Conkey's Poultry Tonic	26c and 52c
Conkey's Laying Tonic	26c
Conkey's Cholera Cure	26c and 52c
Conkey's Chicken Pox Remedy.....	52c
Conkey's Scaly Leg Remedy.....	52c



Pratts

Buttermilk Baby Chick Food

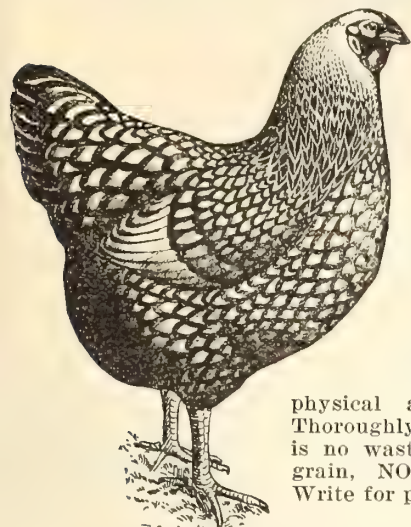
The first three weeks is the critical time of a chick's life. They are tender babies and need PRATTS, the original "baby food for baby chicks." It is the **right** food because it contains only the sweetest and best of wholesome growing food elements that will meet every need of a baby chick.

Dried Buttermilk, cooked wheat, bone-building phosphates—these and a host of other splendid ingredients go to make up PRATTS BUTTERMILK BABY CHICK FOOD. Best because it gives results; cheapest because it raises more and better chicks. Always uniform, sweet, appetizing and satisfying. Used for years by thousands of the most successful poultrymen the world over. Packages 25 and 50 cts.

14 lbs.....	\$1.00	50 lbs.....	\$3.00
25 lbs.....	1.60	100 lbs.....	5.75

PRATT'S REMEDIES

ANIMAL REGULATOR.....	26c and 52c
12-lb. pail, \$2.20; 25 lbs. \$3.54.	
HEALING OINTMENT, per box.....	32c
HEALING POWDER, per box.....	32c
POULTRY REGULATOR.....	15c, 26c and 52c
POULTRY REGULATOR, 12-lb. bag.....	\$1.40
POWDERED LICE KILLER.....	25c and 50c
HEAD LICE OINTMENT.....	26c
LIQUID LICE KILLER....Qt. 55c; ½ gal. 95c; gal. \$1.60	
DISINFECTANT.....Qt. 55c; 2 qts. 95c; gal. \$1.60	
ROUP TABLETS.....	26c and 52c
WHITE DIARRHOEA TABLS.....	26c and 52c
GAPE COMPOUND (Internal and External).....	32c and 63c



Good Luck Scratch Feed

STANDARD
HEN FOOD

For every day in the year. Made from a variety of sound, sweet grains and seeds (including wheat, corn, barley, kaffir, milo maize, sunflower seeds, etc.) properly balanced to keep hens in perfect physical and laying condition. Thoroughly cleaned so that there is no waste, no burnt or smutty grain, NO GRIT OR SHELLS. Write for prices.

Good Luck Baby Chick Feed

SAVES LITTLE CHICKS

Composed of choice grains and seeds—carefully selected—perfectly granulated to precisely the right degree for the youngsters, and screened clean of all fine stuff.

This makes a perfectly balanced ration for healthy, hearty and rapid chick development, as well as digestive results. Avoid feeding meal or mash foods or table scraps to young chickens. In using BOLGIANO'S BABY CHICK FEED according to directions you will never lose a chick from feeding cause. NO GRIT. Write for prices.

Alfalfa Meal

This is a green feed all the year round. Everyone knows that alfalfa is fast supplanting clover. It is very high in protein, and furnishes the chicks a growing food which, at the same time, has a medicinal value. Its value as a helpful egg food is unquestioned. 6 lbs. 25 cts.; 50 lbs. \$1.65; per 100-lb. sack, \$3.25.

Short Cut Alfalfa Clover

No mash is complete without it. Aside from food value, it has high medicinal properties. 95 per cent pure clover. 6 lbs. 25 cts.; 10 lbs. 35 cts.; 100 lbs. \$3.25.

Dried Milk Albumen

A fine meat substitute for Poultry—for Baby Chicks. It produces health and vigor. In laying hens it gives the proper vigor for the best results in Egg production. We recommend this product to Poultry Raisers who grow for profit. 1 lb. 12 cts.; 5 lbs. 50 cts.; 10 lbs. 90 cts.; 100 lbs. \$7.75.

Sunflower

A good rich food for all kinds of poultry; especially necessary during molting period. 10 cts. per lb.

Hemp Seed

Wholesome and well liked by pigeons and parrots. Per lb., 10 cts.

Bird Rape—Canary

These two make a good balanced ration for canaries. Per lb., 10 cts.

Pigeon Feed

This is the best mixture of good sound grain we have ever seen, and is the result of many years' experience. Forms a balanced ration that will make pigeons grow and keep them healthy. 5 lbs. 30 cts.; 10 lbs. 50 cts.; 50 lbs. \$2.00; 100 lbs. \$3.25.

Good Luck Meat Meal

Our sales amount to something over 50 tons per year. Why is this? We contend that we give more real value in our MEAT MEAL than any other firm. It makes chickens lay—it keeps them active and healthy. 1 lb. 10 cts.; 10 lbs. 60 cts.; 100 lbs. \$3.65.

Mica Spar Crystal Grit

One of the sharpest and hardest grits known. 10 lbs. 20 cts.; 100 lbs. \$1.00.

Poultry Mash Feed

A combination of ground grain, alfalfa meal, meat meal and everything necessary for producing a large egg yield. Mix with hot water and it is ready to serve. 10 lbs. 50 cts.; 100 lbs. \$3.65.

Crushed Oyster Shells

Important as an eggshell maker and promoter of health. Our shell is clean and free from waste. No. 3 for chicks. No. 2 for adults. 10 lbs. 20 cts.; 100 lbs. \$1.00.

Charcoal

Aids digestion and promotes health of chicks to a wonderful extent. No poultryman can afford to be without it. Specially prepared and guaranteed pure. Grade "3X," medium chick size, and grade "4X," coarse granulated. 2 lbs. 15 cts.; 5 lbs. 30 cts.; 10 lbs. 50 cts.; 50 lbs. \$2.00.

Cracked Bone for Poultry

This article is manufactured from fresh, clean bones, and is perfectly pure and sweet. No chemicals whatever are applied to them in the course of manufacture. Should be fed to the poultry daily, like grain or any other feed. An excellent bone and egg producer, keeping the fowls strong on their legs and largely increasing their laying qualities. Especially valuable for young and growing chicks. 5 lbs. 30 cts.; 10 lbs. 50 cts.; 100-lb. sack, \$4.25.

Canada Peas

The best pigeon food; also good to sow for hay or plowing under as green manure. 10 cts. per lb.

Kaffir Corn

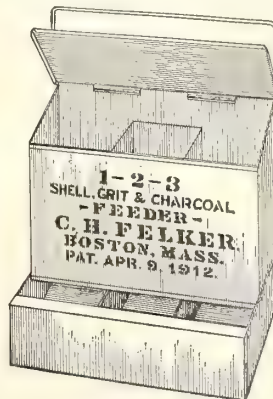
A splendid substitute for wheat and just the right size to feed without cracking, very palatable and a producer of healthy hens. 5 cts. per lb.

Steel Cut Oats

Unexcelled for baby and growing chicks. One of the best ingredients of any food used just after the chick starter. Fattening and a promoter of vigorous growth. 1 lb. 15 cts.; 5 lbs. 50 cts.; 10 lbs. 90 cts.; 100 lbs. \$8.00.

1-2-3 Poultry Feeder

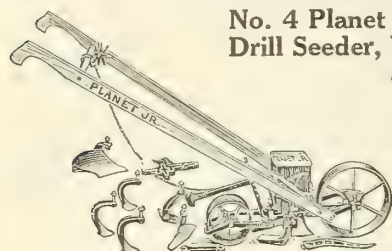
1-2-3 Feeder is used for dry mash, scraps, shells, grit, charcoal or any poultry feed. When used for one kind of feed only, take out separator; two kinds, put separator in one end. When used for three kinds—say scraps, shells and grit—put separator in middle and you have three separate feeders. No. 1, Small size....\$1.00
No. 2, Large size.... 1.50



ALL PRICES SUBJECT TO MARKET CHANGES

Planet Jr. Farm and Garden Tools

You cannot afford to till the ground without **PLANET JR. TOOLS**. They not only save hard labor, but enable you to cultivate double the acreage in the same time, and thus add over 100 per cent to your crop yield. Invented by a practical farmer and manufacturer—the result of fifty years' experience. Strong, lasting construction. Fully guaranteed.



No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator, and Plow

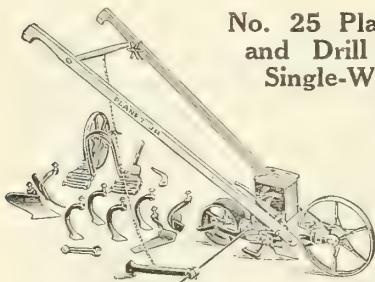
Price, complete, \$19.00.
Weight, 50 lbs.

As a Seeder only
(No. 4D), \$15.00.

Holds $2\frac{1}{2}$ quarts
of seed.

Plants in hills 4, 6, 8, 12 or 24 inches apart.

Soon pays for itself in the family garden as well as in the larger acreage. Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily.



No. 25 Planet Jr. Combined Hill and Drill Seeder, Double and Single-Wheel Hoe, Cultivator and Plow

Price, \$22.50.

Weight, packed, 61 lbs.
Holds $2\frac{1}{2}$ quarts of seed.

As a Seeder it is practically the same as the Planet Jr. No. 4, and as a

Wheel Hoe it has the same steel frames and cultivating attachments as the Planet Jr. No. 12 Double-Wheel Hoe.

Two acres a day can easily be worked, and when it is done it will be a better job than several men could have done in the same time with hand hoes.



No. 31 Planet Jr. Combined Drill Seeder and Single-Wheel Hoe

Weight, packed, 30 lbs.

Price, complete, \$13.50

No. 31D, as a Drill
Seeder only, \$10.00.

This new tool is of great value to gardeners who have never felt able to own either a Seed

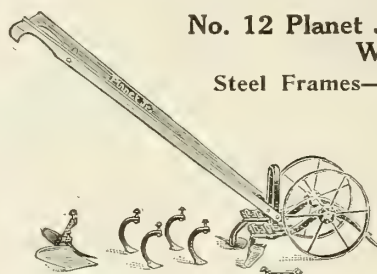
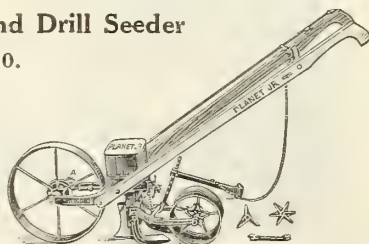
Drill or a Wheel Hoe. It will sow even a small packet of garden seed with great precision. Quickly changed to a splendid Wheel Hoe. A special machine for the small gardener.

No. 33 Single-Wheel Hoe (No. 31 without Seeder)
Price, \$6.50.

No. 3 Planet Jr. Hill and Drill Seeder

Price, \$18.00.

Holds three quarts of seed. A favorite among onion-growers, market gardeners, and seedsmen. Sows accurately in a row, making wheel-hoe cultivation easy.



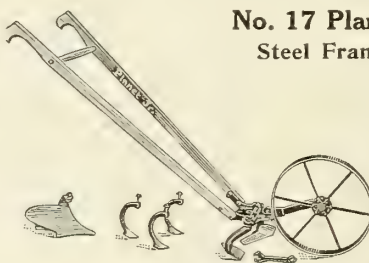
No. 12 Planet Jr. Double- and Single-Wheel Hoe

Steel Frames—14-inch Steel Wheels.

Price, \$12.00.

A Single- and Double-Wheel Hoe in one. It straddles crops till 20 ins. high, then works between. Has steel frames and 14-inch

steel wheels. The greatest hand-cultivating tool in the world. The attachments sold with No. 12 are what gardeners use most, and the others can be added as wanted.



No. 17 Planet Jr. Single-Wheel Hoe
Steel Frame—15-inch Steel Wheel.

Price, \$8.25.

The highest type of the Single-Wheel Hoe made. Light but strong, and can be used by man, woman, or boy. Will do all the cultivating in your garden in the easiest, quickest,

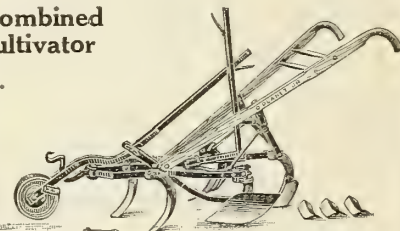
and best way. These wheel-hoe tools are of a special pattern, carefully tested by practical men; no others ever offered compare with them. All the steel parts are high carbon steel, oil-tempered, finely formed, finished and polished, and work to a charm.

No. 8 Planet Jr. Combined Horse Hoe and Cultivator

Price, \$19.00.

No other cultivating machine is so widely known as the Planet Jr. Combined Horse Hoe and Cultivator.

for this machine is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle.

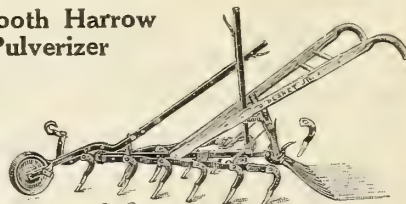


Planet Jr. Twelve-Tooth Harrow Cultivator and Pulverizer

No. 90—Price, \$19.50.

With the Twelve-Tooth Harrow you go as deep or shallow as you like, come up close to row without injuring plants, cut out all weeds, stir the soil and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. A favorite with strawberry-growers, market-gardeners, etc.

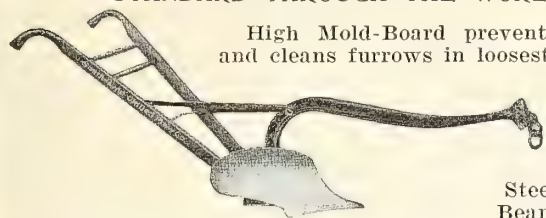
No. 90B (less Pulverizer).....\$16.25
No. 90D (without Pulverizer or Wheel)..... 12.50



The South Bend Chilled Plow

STANDARD THROUGH THE WORLD

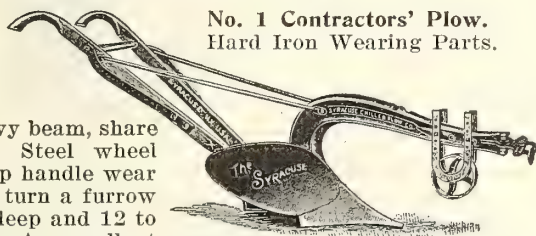
High Mold-Board prevents clogging and cleans furrows in loosest land.



	Steel Beam.	Wood Beam.
No. 63. One Horse Plow.....	\$ 7.00	\$ 6.50
No. B1. One Horse Plow.....	8.00	7.50
No. 2. Light Two Horse.....	9.75	9.25
No. 2½. Light Two Horse.....	11.50	11.00
No. 3. Medium Two Horse.....	12.50	12.25
No. 4. Regular Two Horse.....	14.25	14.00
No. 10. Large Two Horse.....	15.50	15.25
No. 151. Three Horse Cast Iron.....	—	15.00

Syracuse Contractors' Plow

No. 1 Contractors' Plow.
Hard Iron Wearing Parts.



Extra heavy beam, share and strip. Steel wheel frame. Loop handle wear irons. Will turn a furrow 5 to 9 ins. deep and 12 to 15 ins. wide. An excellent Plow for general grading purposes. No. 1 Contractors' Two or Four Horse, weight, with wheel, 205 lbs. Price, \$29.00.

No. 99 Syracuse Four to Eight Horse Contractors' Plow. Weight, with shoe, 310 lbs. This plow is equipped with a steel truss beam, steel moldboard and landslide, separate shin piece. Heavy overlaid wrought steel share, adjustable shoe in place of wheel. Loop handle wear irons; very slightly built. Price, \$30.00.

No. 10-1878 Three Horse. Furrow, 6 to 9½ ins. deep, 14 to 16 ins. wide. Price, \$18.75.

No. 30-78 Three Horse. Left hand. Price, \$18.75.

No. 1-1878 Large Two Horse Plow. Furrow, 5 to 8 ins. deep, 12 to 15 ins. wide. Price, \$16.50.

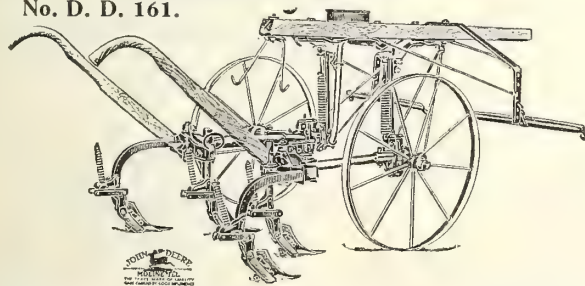
No. 2-1878 Medium Two-Horse Plow. Furrows, 5 to 7½ ins. deep, 10 to 13 ins. wide. Price, \$15.00.

No. 3-1878 Light Two Horse Plow. Furrows, 4 to 6 ins. deep, 9 to 12 ins. wide. Price, \$14.00.

No. 7 Medium Two Horse. Furrow, 5 to 7 ins. deep, 10 to 13 ins. wide. Price, \$16.00.

The New Deere Balance Tongue Walking Cultivator

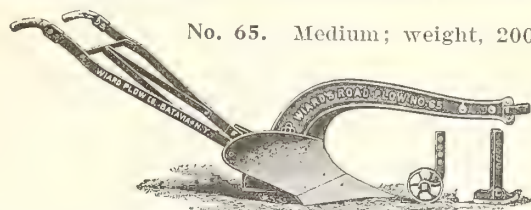
No. D. D. 161.



Pipe beam, parallel, 4 shovels, spring trip, and spring lifting device. The tongue is perfectly balanced on the wheels with no support at front or rear. The lifting-spring device is the simplest and the most satisfactory spring that has ever been attached to a walking cultivator. Price, \$42.00.

Wiard Road or Contractors' Plows

No. 65. Medium; weight, 200 lbs.



The cut illustrates the No. 65 Plow, which is very substantial, and is heavy enough for ordinary road or contractors' work when used with 2 or 4 horses.

A Cast Iron Point, made from the best quality of charcoal iron, very strong and heavy.

Price, with Wheel or Shoe.....\$27.00

Price, without Wheel or Shoe.....24.50

Extra for Forged Steel Point.....6.50

Wiard Pavement or Rooter Plow

No. 67. Four or Six Horse; weight, with clevis, 250 lbs. This Plow has great strength and is adapted to contractors' work and for tearing up cobblestone or McAdam pavements.

The Beam is made of charcoal cast iron, very strong and heavy. The tendency to wear off the lower front end of the Beam in this class of Plows is entirely overcome by a separate shoe casting attached to the beams at this point, which can be replaced at slight expense when worn.

The handles are made of steel, strongly braced, being a new departure, as heretofore handles for this style of Plow have been made of wood and were easily broken.

Price, \$40.00.

Wiard Chilled Plows

Steel Beam Plow.
Wiard No. 72.



The Wiard Plow has been made without lapse since 1804, and hence the Wiard Plow Works have the prestige of being the oldest continuous manufactory of Plows in America, and, so far as known, the oldest on the globe.

No. 62. One Horse Wood Beam.....	\$ 6.50
No. 13. One Horse Wood Beam.....	8.75
No. 10. One Horse Wood Beam.....	11.00
No. 19. Light Two Horse Wood Beam.....	14.50
No. 16. Medium Two Horse Wood Beam.....	15.50
No. 73. Light Two Horse Steel Beam.....	13.50
No. 72. Medium Two Horse Steel Beam.....	15.50
No. 91. Three Horse Steel Beam.....	16.50

Oliver Pattern Plow

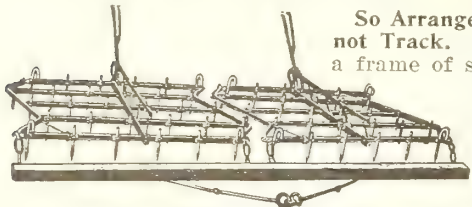
RIGHT AND LEFT HAND

Full Line of One, Two and Three Horse Plows

	Steel Beam.	Wood Beam.
No. A. One Horse Oliver Pattern.....	—	\$ 7.25
No. B. One Horse Oliver Pattern.....	—	8.00
No. 10. One Horse Oliver Pattern.....	—	9.75
No. 13. One Horse Oliver Pattern.....	—	11.00
No. 19. Two Horse Oliver Pattern.....	\$13.50	12.50
No. 20. Two Horse Oliver Pattern.....	14.50	13.75
No. 40. Three Horse Oliver Pattern.....	16.50	15.75

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

"U" Bar Lever Steel Harrow



So Arranged the Teeth Cannot Track. This Harrow has a frame of steel bars of "U" shaped steel well braced and securely fastened at each end to the frame. This gives the Harrow

a double advantage, strength and rigidity, and is a guard against catching into trees and stumps. The teeth can be set to any pitch or cut desired.

Price: 25-Tooth, \$8.50; 50-Tooth, \$17.00.

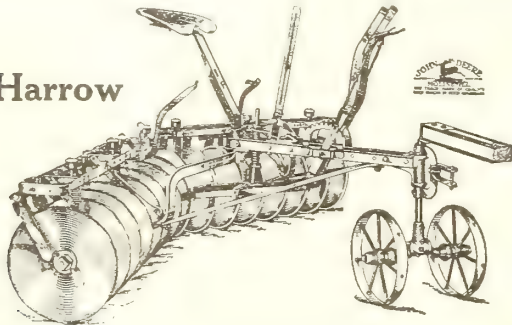
Wood Frame Scotch Harrows

These Harrows Are Made in Three Sizes

24-Tooth, one horse..\$9.25 40-Tooth, two horse..\$16.75

The one horse sizes are in one section and equipped with steel runners, which enable one to transport the Harrow from one field to the other without tearing up the grass. The 40-inch is made in two sections, and can be folded.

Disc Harrow



The time is long past when a farmer or market gardener can do without a Disc Harrow. When your ground is weedy and lumpy, then is the time when you need and want a Disc Harrow. Our Disc Harrows are strong, yet not too heavy; easy on horse and man; saves labor—that means, saves money; does the work better than it is possible to do it with a plow or any other harrow. Eight 16-inch discs, \$45.00; Ten 16-inch discs, \$50.00; Twelve 16-inch discs, \$54.00.

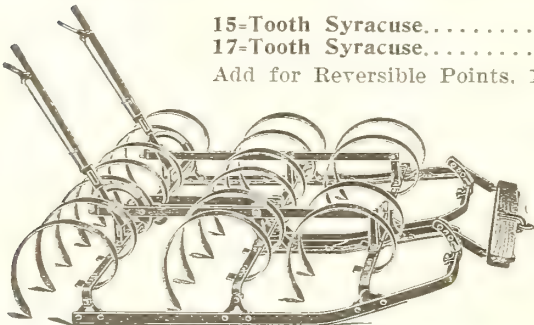
The above prices include Truck, but without Tongue. If Tongue is wanted instead of Truck, deduct \$6.50.

Syracuse Spring Tooth Harrows

15-Tooth Syracuse.....\$21.35

17-Tooth Syracuse..... 22.50

Add for Reversible Points, 15 cts. each.

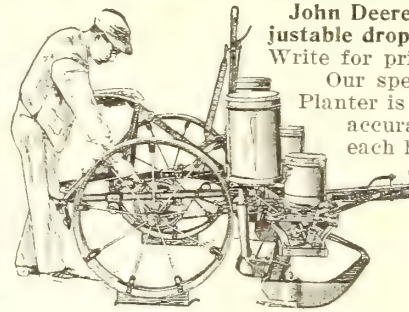


Wheel Barrows

No. 1. Buch's Large Size..\$8.50
No. 3. Medium Size..... 7.00
No. 8. Wooden Tray, with Steel Wheel..... 5.00



John Deere Double Row Corn Planter



John Deere Planters fitted with adjustable drop plates when so ordered. Write for prices.

Our special new feature in this Planter is that we not only get an accurate number of kernels in each hill, but we get the number of kernels in each hill which the quality of the soil is able to bring to perfect maturity.

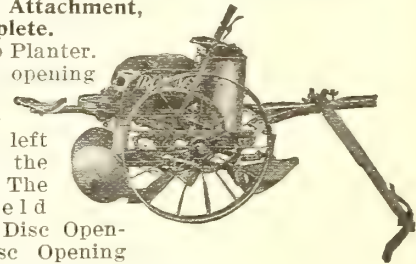
Price, \$83.00, Complete.

Improved Robbins Potato Planter

Price, with Fertilizer Attachment, \$100.00, complete.

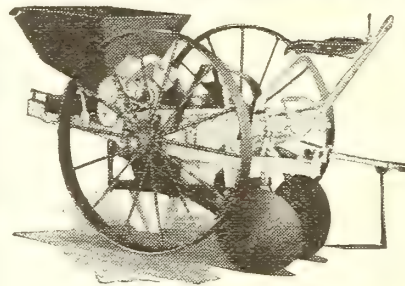
The only 100% Potato Planter.

Four styles of furrow opening plows are made—you can have your choice—in each case the soil is left loose on each side of the furrow—no packing. The four styles are: Shield Opening Plow, Single Disc Opening Plow, Double Disc Opening Plow, and Wing Shield Opening Plow.



Large Size Fertilizer Distributor. It will hold a 167-pound sack of fertilizer—you don't have to stop and fill so often, and in most cases you can finish your long rows and not have to fill up in middle of the row.

Hoover Planter With Fertilizer Drill



This is a one-man planter of exceptional merit. It will plant 100 per cent correct and save the extra man. It has been and is being used in Maine by the largest growers.

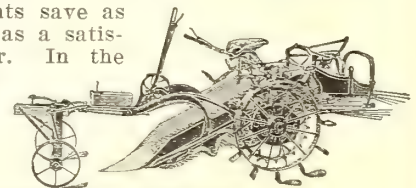
Price, \$100.00.

Hoover Elevator Potato Digger

Few farm implements save as much time and labor as a satisfactory Potato Digger. In the HOOVER we have the best and lightest draft.

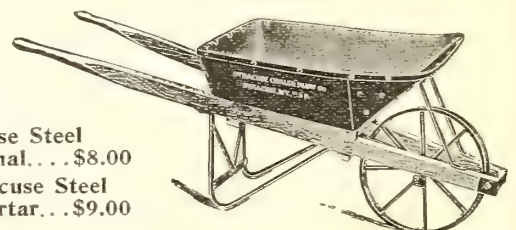
With Separator,
\$110.00.

Without Separator, \$100.00.



Barrows

No. 2. Syracuse Steel Tray Canal...\$8.00
No. 75a. Syracuse Steel Tray Mortar...\$9.00



ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Moline Mower No. 5

(VERTICAL LIFT)

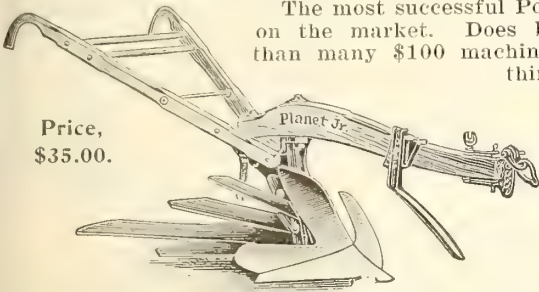
While this Mower gives complete satisfaction on even and unobstructed fields, it is especially designed for use in cutting on rough, uneven fields, where there are stumps, stones, or even trees.

3 1/2 ft. cut..\$72.00 4 1/2 ft. cut..\$75.00 5 ft. cut..\$76.00

Planet Jr. White Potato Digger

The most successful Potato Digger on the market. Does better work than many \$100 machines for one-third the cost.

Price,
\$35.00.

**"Malta" Single and Double Shovel Plows—Iron Beam**

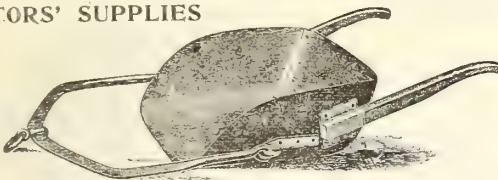
Has 1 1/4 x 3/4 Inch Beam.

Double
Shovel
Plow,
\$5.00.

Single
Shovel
Plow,
\$4.00.

**Syracuse Steel Drag Scraper**

CONTRACTORS' SUPPLIES



No. 1—Capacity about 7 cu. ft. of earth, 98 lbs.....\$13.50
No. 2—Capacity about 5 cu. ft. of earth, 90 lbs..... 13.00
No. 3—Capacity about 3 cu. ft. of earth, 85 lbs..... 12.50

**Rubber Hose**

We make a special push on GARDEN AND SPRAY HOSE. Our

prices compared with department store hose is cheaper and the quality better.

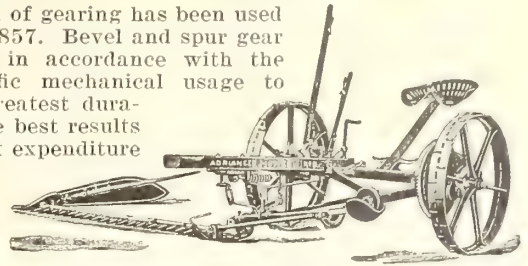
We guarantee our Hose. This we believe to be the best, longest lasting hose on the market.

3/4-inch Norwood Mould Hose.....18 cts. per ft.
5/8-inch Norwood Mould Hose.....17 cts. per ft.
1/2-inch Norwood Mould Hose.....16 cts. per ft.
1/2-inch Pressure Hose.....18 cts. per ft.

Adriance Buckeye Mowers

Our system of gearing has been used by us since 1857. Bevel and spur gear is employed in accordance with the most scientific mechanical usage to secure the greatest durability and the best results with the least expenditure of power.

Roller
Bearings.



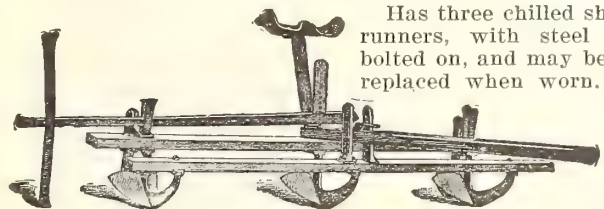
3 ft. 6 in. cut—One horse\$72.00
4 ft. 6 in. cut—Two horse 74.00
5 ft. cut—Two horse 75.00

We Carry Repairs for All Leading Makes of Mowers

Milwaukee Mowers

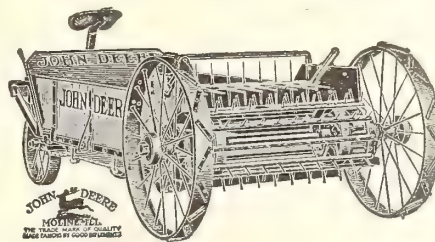
For years this mower has stood at the head of the list for general work. We cannot say too much for it. Light draft, reliability of work, fewness of repairs, evenness of cut—all combine to make this mower a leader. Catalogues free.

Prices, \$70.00 to \$73.00.

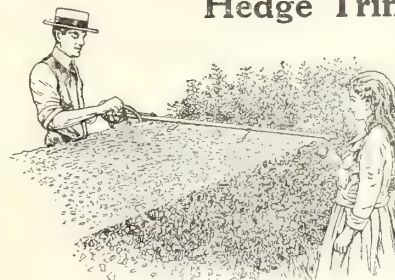
Bolgiano's Improved Three-Row Marker

Has three chilled shoes, or runners, with steel wings, bolted on, and may be easily replaced when worn.

The frame is made of seasoned oak. The runners may be changed by loosening two bolts, to mark furrows 28 to 48 inches apart. Price, with pole for two horses.....\$18.00

John Deere Manure Spreader

Size A—Capacity
35 bus...\$180.00
Size B—Capacity
50 bus...\$185.00
Size B—Capacity
50 bus., 3-horse
hitch...\$190.00
Size C—Capacity
70 bus...\$195.00

Hedge Trimmer

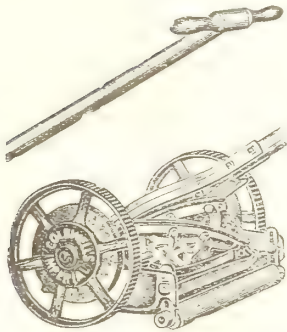
This is a machine which has long been needed for hedges of any size. One man can do as much work with one of these Trimmers in one day as can be done by five men working with the ordinary hedge trimmer. This being the case, during

the course of one season the machine will more than pay for itself, and will do the work better and more accurate than can possibly be done by hand. It is easy to operate and easy to keep in order, and satisfaction guaranteed.

Price, \$25.00.

LAWN MOWERS

Coldwell's Regal Mower



There has been a demand for a five-knife Lawn Mower, one that will leave the lawn perfectly smooth and even. In this machine we have one.

14-inch...\$20.00 16-inch...\$21.50
18-inch...\$22.50

Coldwell's Suburban Lawn Mower

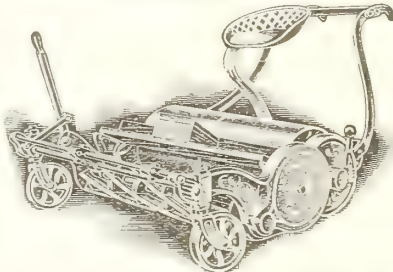
BALL BEARING

This lawn mower is made to meet the demand for a first-class ball-bearing machine which can be purchased at a price within the reach of all. It is made throughout of best grade material, and the workmanship is unsurpassed. The driving wheels are 8 inches in diameter and the revolving cutter has four blades, which insures fineness and evenness of cut.

12-inch...\$9.75 14-inch...\$10.00 16-inch...\$10.75

Coldwell's Improved Horse Mowers

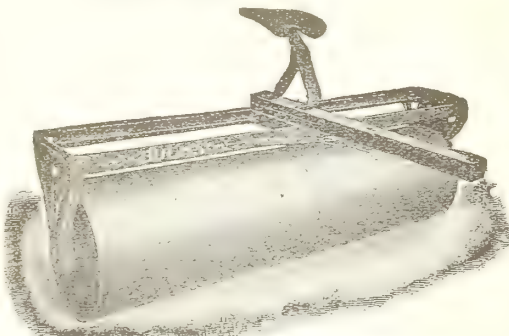
Fitted up throughout with the best of steel shafting, composition bushings or bearings, and polished oak foot boards; Loring Coe's knives, etc., and the workmanship is acknowledged by the trade in general to be the best lawn mower made in America.



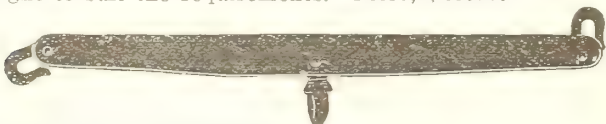
30-Inch. Complete, Seat and Shafts (4 blades)....\$125.00
35-Inch. Complete, Seat and Shafts (4 blades).... 140.00
40-Inch. Complete, Seat and Shafts (4 blades).... 155.00
HORSE BOOTS. Per set of four.....\$20.00 and \$25.00

Land Roller

This is the most popular Land Roller on the market. This implement was thoroughly tested, and its construction was so perfect that it was a success from the start.



Frames and Hangers. Heavy, stiff angles are used on the sides and ends, to which the steel hangers are securely bolted, and the frame is so arranged that it will carry sufficient weight to suit the requirements. Price, \$45.00.



STEEL SINGLE TREES.....\$1.25
STEEL WAGON DOUBLE TREES..... 2.00
Wooden Plow Set, Complete..... 4.00
U Bar Steel Set, Complete..... 4.00

Coldwell's Imperial

EASIEST RUNNING LAWN MOWER MADE

THE IMPERIAL is one of our best Mowers, the principal feature being that the knife is securely bolted to the sides, thus insuring a perfectly rigid frame. The knives are adjusted by means of our patent hanger, and a locking screw holds them securely in place. This hanger is so constructed that all wear can be taken up in the bearings. The triple pawl ratchet is the simplest and most durable on the market.

Prices—High Wheel, 4-Blade.

14-inch.....\$15.50 18-inch.....\$18.00
16-inch..... 16.75 20-inch..... 19.00

The Cadet Lawn Mower

This is a good Lawn Mower to sell at a medium low price, and give the purchaser full value for his money. The gears are fine cut, and it is in every respect what is needed at the present time, viz., a mower that will do good service and at a cost but little higher than the poor trash that is put out so freely.

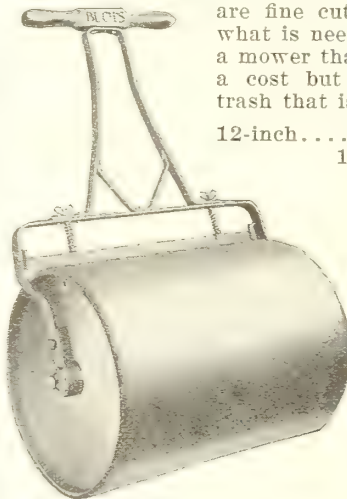
12-inch.....\$7.00 14-inch.....\$7.75
16-inch.....\$8.15

Water Ballast Roller

To increase the weight, add water. To decrease the weight, draw out water.

Prices:

601\$18.50
602 22.00
603 25.00
604 27.50



Lawn Mowers

STANDARD—High Wheel:

15 Inch\$25.50
17 Inch 28.50
19 Inch 32.50
21 Inch 36.50

STANDARD—Low Wheel:

12 Inch\$14.50
14 Inch 17.50
16 Inch 20.00
18 Inch 23.00

PENNSYLVANIA GOLF MOWER—High Wheel:

17 Inch\$34.00
19 Inch 38.00
21 Inch 42.00

Horse Collars



High-Grade Scotch Collars. We carry the largest line of Collars in this city, and can furnish any size from 16 to 24 inches.

Thick Lined Collars
\$3.00 to \$5.50

Sweeney Collars
\$3.50 to \$6.25

Red Edge Collar Pads
50 cts.

All Brown Collar Pads
75 cts.

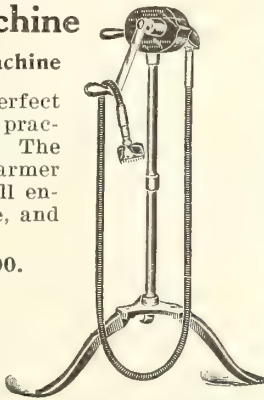
Ask for price by the dozen.

Stewart No. 1 Enclosed Type Clipping Machine

The Only Ball-Bearing Clipping Machine

It is without exception the most perfect clipping machine ever made. It runs practically without friction or wear. The price puts it within reach of every farmer and horse owner. The gearing is all enclosed in a dust- and dirt-proof case, and runs in oil constantly.

Price, complete for horses, \$12.00.



Plow Harness

Plow Harness, complete, per set
(less Collar).....\$7.50

Trace Chains, per set.....\$1.15 to \$1.25
Breast Chains, per set......75 to 1.60
Butt Chains, per set..... — to 1.35



Fly Nets

Yellow cord, extra heavy, 5 bars and 50 lashes. Price, \$1.50.

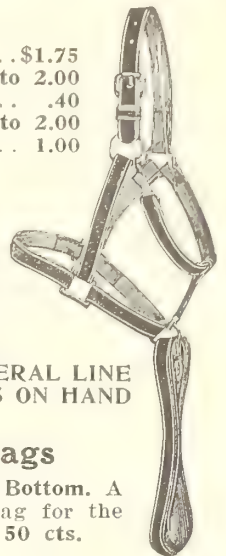
WE CARRY
A FULL LINE OF

Cart Harness

Extra Heavy Cart Breeching.....\$10.50
Extra Heavy Cart Saddle..... 8.00
Cart Bridles, extra heavy..... 3.25
One-Inch Cart Reins, riveted..... 2.60
Heavy Cart Hames, per pair..... 1.75

Halters

Leather, 1 1/4 in., Russet.....\$1.75
Leather, 1 1/4 in., machine made..\$1.80 to 2.00
Web Cotton......40
Leather Cow Halter.....\$1.25 to 2.00
Leather Ties..... 1.00



Back Bands

Folded Duck, Elbel's patent hook, 46 to 48 inches long, 5 inches wide.
Price, 85 cts.

Single Web Back band, Plow Boy, 45 cts.

A FULL LINE OF WHIPS AND A GENERAL LINE OF HARNESS ACCESSORIES ALWAYS ON HAND

Feed Bags

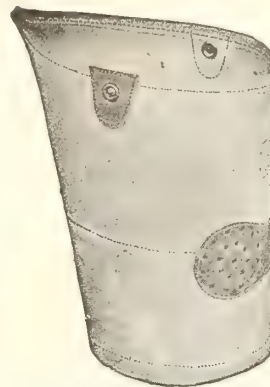
Star Wood Bottom. A good, reliable bag for the money. Price, 50 cts.

No. 10 Bag, made of 12-oz. duck, metal eyelets; very durable. Price, \$1.25.

No. 8 Special. This bag is especially well made of 12-oz. duck; has reinforced sides; leather ventilators and sole leather bottom.

Price, \$1.15.

Special prices in dozen lots.



HORSE WEIGHTS, from 15 to 30 lbs., 6 cts. per lb.

WEIGHT STRAPS, \$1.25.

WEIGHT CHAINS, 45 cts.

MILLER'S HARNESS DRESSING. Pt. 55 cts.; qt. 80c.

MILLER'S I. X. L. HARNESS OIL. Pt. 40 cts.; qt. 60 cts.; 1/2 gal. \$1.10; gallon, \$1.80.

MILLER'S HARNESS SOAP. 1 lb. 40c; 5-lb. can, \$1.35.

NEATSFOOT OIL. Gallon, \$1.35.

HAME STRAPS. 1 inch, machine made. 35 cts. each; \$3.50 per dozen.

HAME STRAPS. Hand made, 1 inch. 40 cts. each; \$3.75 per dozen.

Hames

No. 280 Concord Hames, very heavily ironed, with hook or clip; brass ball top. Price, per pair, \$2.50.

No. 61 Virginia Cart Hames, rock elm or ash wood, 1/8-inch stiff-bottom loops, 3/4 x 1/4 inch steel backs. Three mortise top loops. Heavy wrought steel hooks. Varnished. Polished irons. Sizes, 19 to 22 inches, \$2.65 per pair; 22 to 24, \$2.00 per pair.

No. 15 Brass Ball-Top Hame......\$2.50

Blankets

We recommend 5A Horse Blankets because of their strength, warmth, horse protection, and their long wear. They are leaders. Prices from \$1.25 to \$6.00.

STORM COVERS FOR HORSES.....\$5.75

STORM APRONS FOR WAGONS..... 3.00

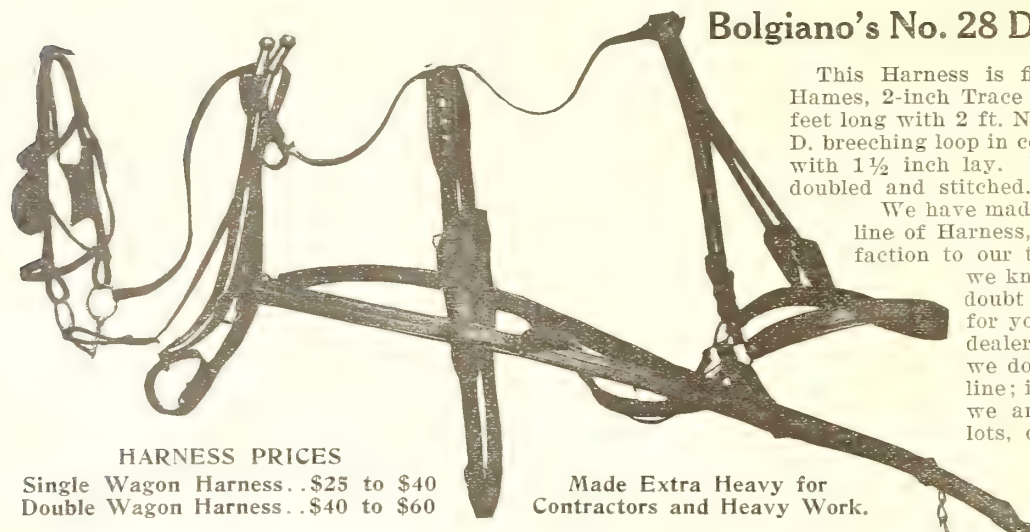
STABLE BLANKETS..... 3.00

CURRY COMBS......25

HORSE BRUSHES.....\$.50 to 2.75

STABLE BROOMS..... 1.25 to 1.50

MANURE STABLE FORKS..... 1.00 to 2.00



Bolgiano's No. 28 Double Team Harness

This Harness is fitted with No. 21 Brass Ball Hames, 2-inch Trace with three rows stitching, 5 1/2 feet long with 2 ft. N. Y. Heel Chain, either solid, or D. breeching loop in center; Breeching 2 3/4 ft., folded with 1 1/2 inch lay. Belly and Back Band. Points doubled and stitched.

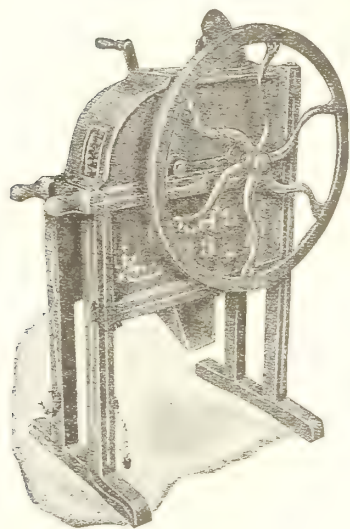
We have made a specialty of handling a nice line of Harness, that we know will give satisfaction to our trade. Our prices, for quality, we know are right. There can be no doubt that from us you can get more for your money than from any other dealer in Harness. Why? Because we do not handle Harness as a main line; if we make a few cents off a set we are satisfied. We buy in large lots, direct from the factory, where we get the best goods at the lowest prices. Give us a chance. You will be pleased.

HARNESS PRICES

Single Wagon Harness..\$25 to \$40
Double Wagon Harness..\$40 to \$60

Made Extra Heavy for
Contractors and Heavy Work.

Hand and Power Corn Shellers



No. 3 Single Hole Sheller
\$14.50

No. 4 Single Hole Sheller
\$14.50

No. 7 Double Hole Sheller
For Hand or Power
\$30.00

Cider Mills

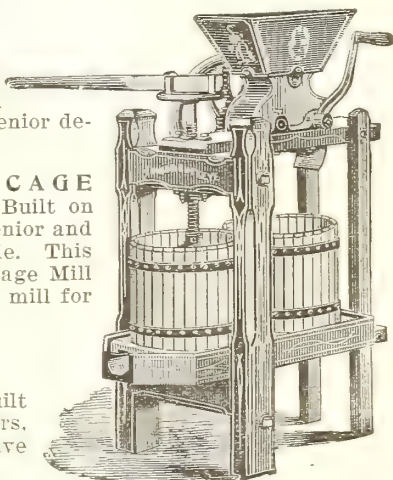
SENIOR. This is our largest-sized Mill, adapted for hand or power, with a detachable handle on either side. The top set of rolls first mash the fruit fine, and the bottom set grinds it up thoroughly, breaking all the cells, so that the cider is entirely extracted.

"MEDIUM" DOUBLE CAGE HAND CIDER MILL. Similar to the Senior described above.

"JUNIOR" DOUBLE CAGE HAND CIDER MILL. Built on the same principles as Senior and Medium. Has one handle. This is the smallest Double Cage Mill we handle. A first-class mill for family use.

Write for prices.

These machines are built by leading manufacturers, and are guaranteed to give satisfaction.



Pumps

WOOD PUMPS. We sell the Buckeye, which is conceded to be the best on the market. Made of cucumber wood, and not poplar, as many of the so-called cucumber-wood pumps are made. All Pumps porcelain lined.

Depth.	Size of Pump	
	6x6 in.	7x7 in.
10 feet.....	\$13.90	\$16.15
12 feet.....	14.50	16.75
16 feet.....	15.70	17.95
18 feet.....	17.20	19.45
20 feet.....	17.80	20.00
23 feet.....		21.65
25 feet.....		22.95
28 feet.....		24.25
30 feet.....		27.00
33 feet.....		29.40
35 feet.....		32.50
40 feet.....		36.50
45 feet.....		41.45
50 feet.....		44.40

Tubing and Miscellaneous Pump Parts

4x4 Inches, 12 feet long and under, per foot, 30 cts.

4x4 Inches, 12 feet long or over, per foot, 32 cts.

6x6 Inches, extension tubing, per foot, 80 cts.

6x6 Inches, coupling and bands for 4x4-inch tubing, 90 cts.

Buckets, 4-inch, each \$1.50.

Buckets, 3 1/2-inch, each \$1.25.

Handles, any size, 40 cts.

Handle Links, each 50 cts.

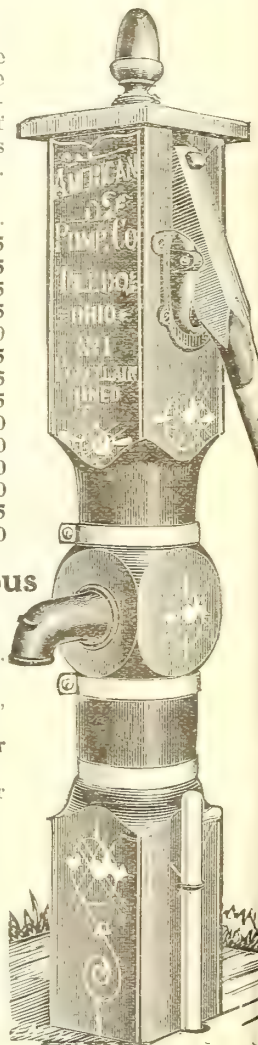
Check Valves, each 25 cts.

Iron Spouts, each 60 cts.

Splice Straps, per pair 50 cts.

Sucker Rod, per foot 8 cts.

Handle Brackets, per set 50 cts.

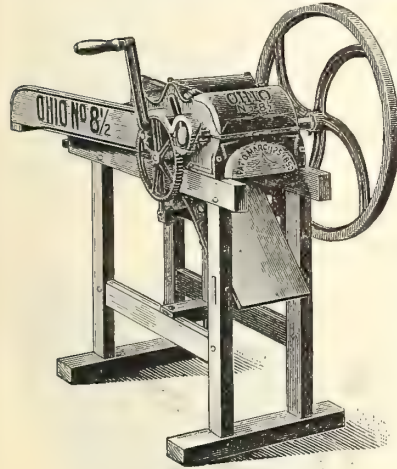


Boiler and Feed Cooker

Heavy cold-rolled steel furnace; extra large feed door, with wrought-iron handles, firmly riveted on Kettles, smooth, heavy cast iron. Door, frame and flue collar cast iron. It does not buckle or warp from the heat; designed to set on ground or brick foundation; is especially adapted to cooking feed, rendering lard, making soap, scalding hogs, poultry, etc. Cast-iron flues are constructed inside this, retaining heat and economizing fuel.

30 gal. capacity....\$16.00 40 gal. capacity....\$18.50
33 gal. capacity.... 17.00 48 gal. capacity.... 19.00
53 gal. capacity.....21.00

"Ohio" Hand Feed Cutter



Capacities: One man can easily cut a bushel of hay with No. 8½ in 40 seconds, and with No. 10½ in 30 seconds, and a boy 12 years old can use them successfully.

Sizes and Prices:

No. 8½ K1 — "Ohio" Hand Feed Cutter, with one 8½-inch knife; for hand use only; weight, 165 lbs. Price, \$34.00.

No. 8½ K2—Same machine, equipped with two knives. Price, \$37.

Pulley for Power on above cutters, \$2.00.

Nobby Feed Cutter

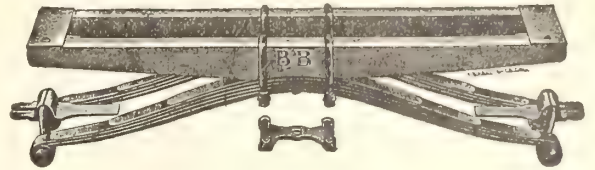
Simple, durable, handsome, cheap. It has an 11-inch tempered curved knife, which can be adjusted to take up the wear, thus giving a perfect shear cut at all times. Price, \$6.25.

"Ohio" Light Draft Suction Blowers

	No. 60.	No. 90.
	\$225.00	\$250.00
Capacity, tons per hour.....	5 to 7	7 to 10
H. P. required, gasoline.....	6 to 8	8 to 10
Length of knives (two).....	11-inch	13-inch
Weight, pounds, unmounted....	835	900
Weight, pounds, mounted.....	1,210	1,260
Speed recommended, 600 to 800 R.P.M.		
Four lengths of cut, 7-16, 9-16, 1 and 1½ ins.		
Pulley, covered, regular, 10-inch diameter by 6-inch face.		

No. 805. TRUCK for mounting machines; weight, 360 pounds. Price, \$67.00.

Bolster Springs for Bed Wagons



1000 lbs. capacity...\$ 7.50	3000 lbs. capacity...\$13.50
1500 lbs. capacity... 8.25	3500 lbs. capacity... 14.00
2000 lbs. capacity... 11.00	4000 lbs. capacity... 14.50
2500 lbs. capacity... 12.00	5000 lbs. capacity... 17.00

Farm and Contractors' Cart

With 5 and 6 inch tires; also extra heavy Contractors' Carts made specially to order when wanted. These carts are very strong, heavily ironed, nicely painted, striped and varnished.

Size of Axle.	Size of Tire.	Diameter of Wheel.	Price.
1 ½ ins.	3 ins.	4 ft. 10 in.	\$85.00
2 ins.	3 ins.	4 ft. 10 in.	95.00



Certain-teed Best Quality Roofing

1-Ply.....\$1.80	2-Ply.....\$2.35
3-Ply.....\$2.80	

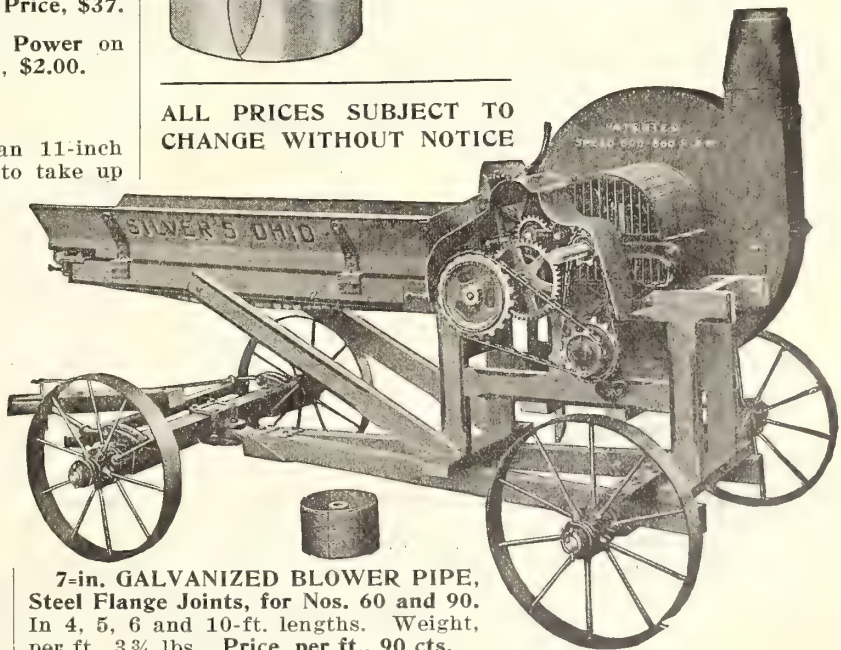
We have in stock the finest prepared roofing offered by anyone. We are willing to guarantee that for length of service it cannot be surpassed by any roofing of its kind. With a couple of coats of prepared paint it will last a lifetime and will give perfect service during the whole period.

TAR PAPER

Two squares.....\$3.00

RED AND GREEN SLATE TOP ROOFING. Price, \$2.50.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE



7-in. GALVANIZED BLOWER PIPE, Steel Flange Joints, for Nos. 60 and 90. In 4, 5, 6 and 10-ft. lengths. Weight, per ft., 3 ¾ lbs. Price, per ft., 90 cts.

Hog and Cattle Steel Wire Fencing

726—26 in. High Hog Fence, 7 bars.....	46 cts. per rod
832—32 in. High Hog Fence, 8 bars.....	56 cts. per rod
845—45 in. High Cattle Fence, 8 bars.....	46 cts. per rod
1047—Extra Heavy	70 cts. per rod

Special prices on quantity.

DISTANCE BETWEEN BARS INCHES	21 BARS	58 INCHES HIGH
5	20 BARS	53 INCHES HIGH
5	19 BARS	48 INCHES HIGH
4½	18 BARS	43 INCHES HIGH
4½		
4	16 BARS	35 INCHES HIGH
4		
3½		
3½	13 BARS	24 INCHES HIGH
3		
2½		
2½		
2		
2		
2		
2		
2		
2		
2		

American Steel Poultry Fence

1948—48 inches high.....	58 cts. per rod
2053—53 inches high.....	63 cts. per rod
2158—58 inches wide.....	65 cts. per rod

Diamond Mesh Poultry Fence

12 in. high, 2 in. mesh.....	\$1.40 per roll
18 in. high, 2 in. mesh.....	2.00 per roll
24 in. high, 2 in. mesh.....	2.55 per roll
36 in. high, 2 in. mesh.....	3.50 per roll
48 in. high, 2 in. mesh.....	4.55 per roll
60 in. high, 2 in. mesh.....	5.60 per roll
72 in. high, 2 in. mesh.....	7.35 per roll

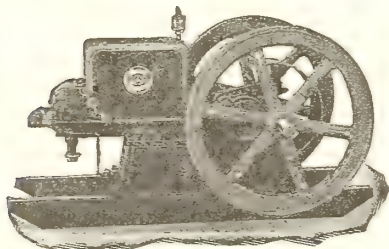
Hog and Cattle Barb Wire at Lowest Market Prices.

Specification L

No. 10 Top and Bottom, No. 12½ Stay

726—26 in. High Hog Fence, 7 bars.....	37 cts. per rod
1047—6 in. stays, Cattle and Hog.....	55 cts. per rod
1047—12 in. stays, Cattle.....	40 cts. per rod

Fuller & Johnson Model "N" Gasoline Engines



Special Price on Model "K" Kerosene Engine Upon Application.

1. The simplest and most perfect System of Hopper Cooling.

2. Frost Proof.

3. Large straight-sided Hopper. Cylinder completely immersed in water.

ter as in our Double Efficiency line. No narrow water jacket spaces to clog up or freeze or break.

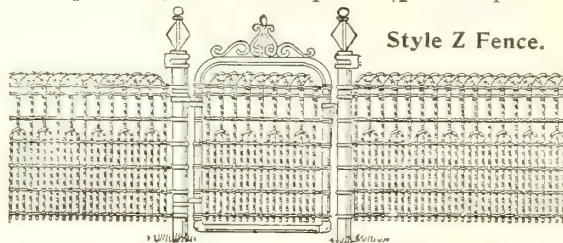
Horsepower and Prices:

1½ H. P.....	\$ 70.00	5 H. P.....	\$175.00
3 H. P.....	120.00	7 H. P.....	255.00

Fancy Lawn Fence

The fabric illustrated herewith is superior to any Lawn Fence on the market. The upright wires are corrugated their entire length instead of at intervals. Close enough at bottom to turn the smallest chicks.

The uprights are of No. 9 heavy galvanized wire, spaced 2½ inches apart, with an extra upright of No. 9 interwoven at the bottom, giving a spacing of 1½ inches. The cables are of heavily galvanized wire spaced 6 inches apart, except the two top cables, which are spaced ½ inch apart.



Style Z Fence.

Style X.

Style Z.

16 in. high.....	8 cts. per ft.	
22 in. high.....	10 cts. per ft.	
36 in. high.....	12 cts. per ft.	16½ cts. per ft.
42 in. high.....	14 cts. per ft.	18½ cts. per ft.

LAWN GATES

	Plain.	Fancy.
3 ft. by 36 in.....	\$3.00	\$4.00
3 ft. by 42 in.....	3.25	4.10
3 ft. by 58 in.....	3.75	4.50
12 ft. by 42 in., drive gate.....	8.50	
12 ft. by 50 in., drive gate.....	9.00	
12 ft. by 58 in., drive gate.....	9.50	

De Laval Cream Separators

Over 1,600,000 De Laval Separators now in use. See and try a De Laval before buying a Separator.

Any Separator that wastes cream is expensive. A De Laval will not.

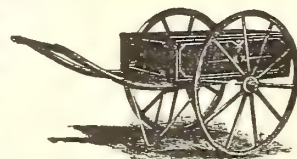
Capacity and Price:

No.	Pounds per hour.	Price.
5	225	\$ 65
10	350	80
12	500	90
15	750	110
17	1000	125
19	750 Turbine	16
20	1000 Turbine	175
22	1350	200
25	1350 Turbine	260



Push Carts

No. 0 Lansing.....	\$21.00
No. 1 Lansing.....	18.00
No. 2 Lansing.....	16.50
No. 132 Merrimac.....	10.00
No. 232 Merrimac.....	10.75
No. 12 Monitor.....	13.00



AUTOMOBILE OIL.....70 cts. per gallon

GAS ENGINE OIL.....70 cts. per gallon

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Fuller & Johnson Pumping Engine

No Well Too Deep For This Farm Pump Engine.

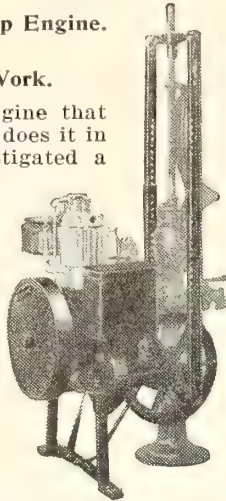
Cannot Freeze or Overheat.

No Hours Too Long For It to Work.

At last we have found a pump engine that serves all the needs of the farmer and does it in the best possible manner. We investigated a score or more different makes and designs of portable engines to find the one best suited for our customers. We selected Fuller & Johnson Farm Pump Engines. It is the most wonderful portable engine made.

400 to 1500 Gallons per Hour.

Think of it! All the fresh water you want at any time or any place. Works in any well, regardless of depth. This farm pump engine completely solves the perplexing problem of Water Supply for the farm in winter as well as summer. Pumps all the water needed for the house, dairy, barn, feed lot and pasture in a few hours. Costs less to operate than a tank heater and eliminates all bother and trouble.



Fuller & Johnson
Pumping Engine.
Price, \$95.00.

Handiest Little Worker On the Farm.

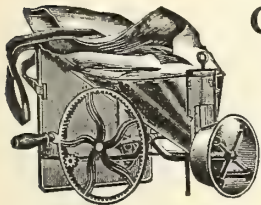
Ensuring a reliable water supply for the farm is but one of the ways the Farm Pump Engine proves its superiority. It has pulley for running any kind of hand or foot power machinery. It helps the women folks in the dairy and the laundry. Runs the grindstone, feed mill, fanning mill, etc., for the men. Does the work of two extra hired men.



Driving a Grindstone.

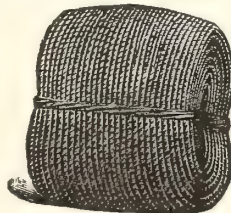
Cahoon Seed Sower

For sowing Clover, Timothy, Millet, Oats, Wheat, Rye, Buckwheat, etc. Standard seeder of the world. A model for accuracy and durability. Malleable iron frame. Steel hopper and gate. Brass discharger. Price, \$5.50.



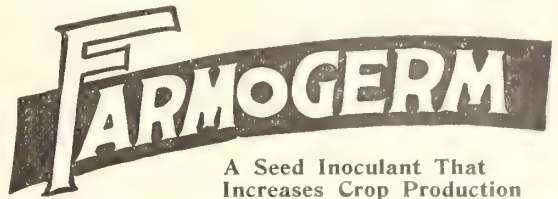
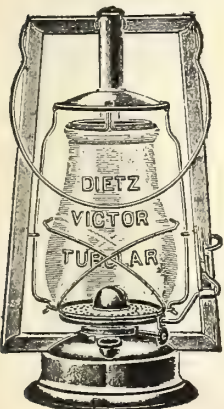
Manila, Sisal and Cotton Rope

Always on hand, the best Manila, Sisal and Cotton Rope, in coils or by the piece, at prices consistent with the quality. Prices on application.



Dietz Lanterns

Dietz Victor Lantern.....	\$.90
Dietz Victor Red Lantern.....	1.25
Dietz Dash Lantern	1.40
Dietz Regulation Lantern for Wagons.....	1.60
Dietz Storm King Lantern (can't blow out).....	1.50
Dietz Little Wizard (can't blow out).....	1.15



A Seed Inoculant That
Increases Crop Production

Seeds of all legumes—beans, peas, clover, alfalfa, and related crops—will yield far better if inoculated with FARMOGERM, and in addition leave in the soil a heavy deposit of nitrogen which benefits all succeeding crops. Gardeners and farmers who have used **Farmogerm** would not be without it.

Farmogerm Stays Good Indefinitely.

FARMOGERM keeps for years. Because of the method of sealing the bottle—a patented stopper which admits filtered air and keeps out all impurities. Just add water and shake the bottle and sprinkle over the seeds as directed. Your crop will benefit beyond your expectation.

Farmogerm Is Economical.

The one-acre size bottle of FARMOGERM is sufficient for 15 pounds of clover, 20 pounds of alfalfa, 100 pounds of Canada Field Peas, 60 pounds of Vetch, etc. A different bacteria is required for each crop. When ordering, be sure to state what crops you wish to inoculate.

Farmogerm Prices Reduced.

New scientific methods of manufacture have given lower prices. You cannot now afford to do without FARMOGERM.

A special composite culture is prepared for peas, beans and sweet peas— $\frac{1}{4}$ -acre size only. You'll get more peas and beans, and larger sweet peas by using this. Ask for No. 5—Price, 50 cts.

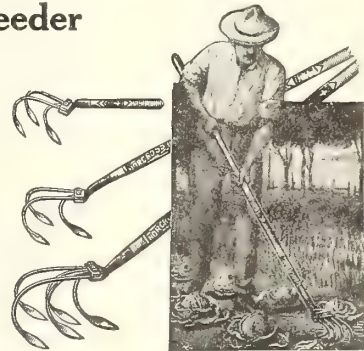
FARMOGERM prices are: 1-acre size, \$1.00; 3-acre size, \$2.50; 12-acre size, \$9.00. Full directions accompany each bottle.

Norcross Weeder

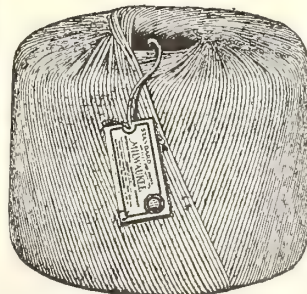
This Tool, introduced about four years ago, has more than made good in every respect. It can so easily be changed from a 5-tooth to a 3-tooth weeder or cultivator for hand use.

Price, 95 cts. and \$1.25.

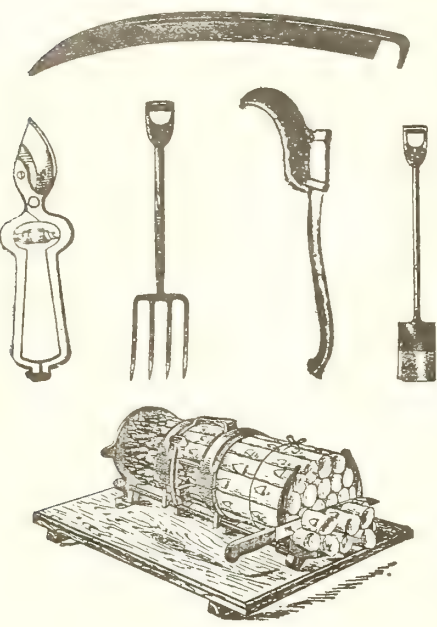
MIDGETT NORCROSS
Price, 50 cts.



Binder Twine



It is well understood that good binder twine is essential to successful binding. The harvest season lasts only a few days and delays nearly always result in more or less loss. Binder twine that kinks and breaks is not worth hauling home, because it is not only a source of annoyance while harvesting the grain, but it also delays the work of shocking. Uniform size and strength are the characteristic features of our binder twine. It will not kink and clog the knottor or pull thin and break. The different brands of twine are Sisal, Standard, Manila and Pure Manila. Price, 15 cts. per lb.



ASPARAGUS BUNCHER
Price, \$3.00.



IRON AND STEEL GARDEN RAKES

12-tooth, Malleable Iron Bent Tooth.....	\$.45
12-tooth, Steel Rake	.85
14-tooth, Steel Rake	.95
14-tooth, Steel Bow	1.20
16-tooth, Steel Bow	1.25

SNEATHS

Patent.....	\$1.45	Rings.....	\$1.50
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SCYTHE STONES

Darby Creek	\$.20
English Round	.25



GARDENER'S TRANSPLANTING TROWELS

Strong, Ladies'	\$.20
Malleable Shank	.25
Forged Steel	.50
Heavy Forged	.75



DIBBLES

Bent Wood Handles, Steel Points..	\$.50
Sawed Wood Handles, Steel Points	.40
All Iron Handles, Steel Points....	.60



HAZELTINE WEEDERS
Price, 50 cts.

SPADES

Marvel, "D" Handle.....	\$1.75
Ames, "D" Handle.....	2.10

SPADES, LONG HANDLE

Ames	\$2.10
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SPADING FORKS

Wood, "D" Handle.....	\$1.60
Malleable, "D" Handle.....	1.50

BRUSH AXES

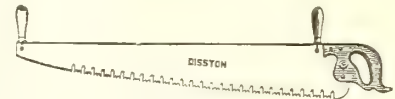
All Guaranteed.....	\$2.00
Beatty	



STEEL HOES

Sizes 6, 6½, 7, 7½, 8.

Solid Shank	\$.75
Solid Socket	.80
Malleable Iron Socket, steel blade.	.80
Planters' Hoe, heavy handle, suitable for stiff ground.....	.90

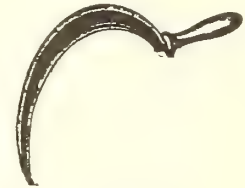


CROSS-CUT SAWS

3½ ft. 1-Man X-Cut Saw.....	\$3.75
4 ft. 1-Man X-Cut Saw.....	4.25
4½ ft. 2-Man X-Cut Saw.....	3.00
5 ft. 2-Man X-Cut Saw.....	3.25
5½ ft. 2-Man X-Cut Saw.....	3.50
6 ft. 2-Man X-Cut Saw.....	4.00

SCYTHES

Waldron, 36 and 38 in..	\$2.75 to \$2.85
Kelly's Grass	2.00
Kelly's Bush, Assorted.....	2.00



SICKLES

Solid Back No. 3.....	\$.60
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PRUNING SHEARS

Wood Handle, Steel Plate.....	\$1.75
Malleable Handle, Steel Plate....	1.00
8 ft. Water's Tree Pruners.....	2.00
10 ft. Water's Tree Pruners.....	2.25
12 ft. Water's Tree Pruners.....	2.50
Grass Shears	.50



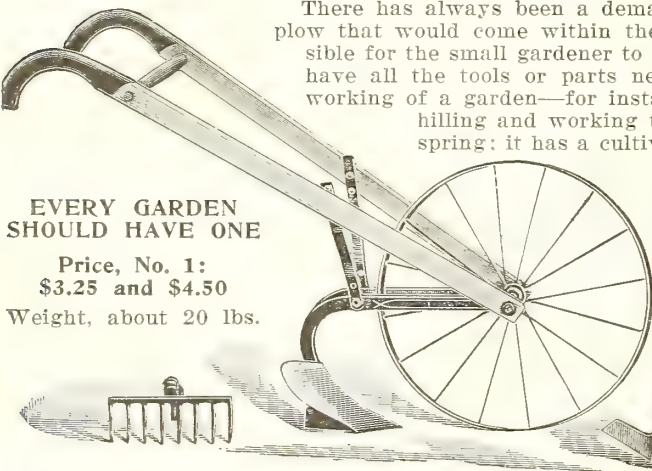
MATTOCKS, HEAVY STEEL

Steel 4 in. Long Cutter.....	\$1.00
Steel 3 in. Contractors.....	1.25
Handles, extra	.50
Garden Mattock	.75
Potato Drags, Light.....	1.00
Potato Drags, Heavy.....	1.35



SHOVELS, LONG HANDLES

Jackson, Round Point.....	\$1.65
Ames, Round Point.....	\$2.00 to 2.10
Ames, Square Point.....	2.00 to 2.10



Hand Garden Plows

There has always been a demand for a small garden plow that would come within the price, making it possible for the small gardener to purchase. These plows have all the tools or parts necessary to the perfect working of a garden—for instance, it has a plow for hilling and working the garden early in the spring; it has a cultivator and a hoe; also, a pulverizing rake. It is complete in every detail. We have sold them by the hundred to pleased customers. Weight, about 20 pounds.

EVERY GARDEN SHOULD HAVE ONE

Price, No. 1: \$3.25 and \$4.50
Weight, about 20 lbs.

Have you ordered all the seed required? Perhaps if you take another look through the Catalog you may find something you have overlooked. Time is money as applied to all garden and farm operations.

Fertilizers for the Farm, Lawn and Garden

During the entire history of the world there never was a time that food production was as essential as it is today. The world is on the verge of starvation. It is said that more than 1,000,000 people will die of starvation during the next twelve months—because there is not food enough to supply them. Now, increased production is necessary, and increased production can be accomplished only by planting and fertilizing. You must do your best. **GOOD FERTILIZERS ARE ABSOLUTELY ESSENTIAL.**



TEN PER CENT TRUCKER has given our trade the greatest satisfaction. It is principally used for very early crops, and has more than paid for itself in the advanced prices received for early vegetables. As a tobacco bed fertilizer it is excellent. Analysis: 10 per cent Ammonia, 5 per cent Phosphoric Acid, 2 per cent Potash.

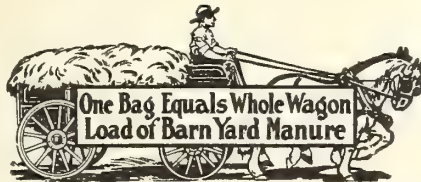
SEVEN PER CENT TRUCKER is all right, because every user says so, and one of the best evidences aside from this is that our sales show increase year by year. We

recommend this Fertilizer to all who look forward to early and good crops. Analysis 7 per cent Ammonia, 6 per cent Phosphoric Acid, 2 per cent Potash.

AMMONIATED BONE. This is used largely by the best Trunkers for general crops. Analysis: 2 per cent Ammonia, 9 per cent Phosphoric Acid, 2 per cent Potash.

Fertilizing Chemicals

A great many first-class Gardeners and Farmers have come to see the advantage of the use of chemicals on their grounds and in building up their soils. We have for a number of years made this a special feature of our business, and are prepared to furnish any of the leading sorts in any quantity.



GIVE YOUR SOIL WHAT IT NEEDS TO MAKE THINGS GROW

Use a Fertilizer that combines natural humus and organic matter with natural plant food. One that actually makes available and useful a great amount of fertility lying dormant and inactive in the soil.

WIZARD BRAND PULVERIZED SHEEP MANURE AND SHREDDED CATTLE MANURE is a particularly efficient material for making up the compost supply. It is used in this way by many florists who have limited space and who cannot mix their compost in the old way. It acts quickly, has a better effect on the soil, and is much more easily handled. **WIZARD BRAND** is just this kind of a fertilizer. It's all natural plant food and humus that makes better soil and better crops. No matter what you grow—fruit, vegetables and grains, or just flowers and grass about the home—**WIZARD BRAND SHEEP MANURE** "Makes Nature Hustle," and builds up your soil at the same time. Price: 15 lbs. 50c; 30 lbs. \$1; 100 lbs. \$2.35; 1 ton, \$40.

GENERAL 2-8-2. A Fertilizer for general uses—that's what its name implies. The demand has been large for just such a Fertilizer. We recommend this grade for most crops. Analysis: 2 per cent Ammonia, 8 per cent Phosphoric Acid, 2 per cent Potash.

PURE RAW BONE MEAL. At the outset we say the bone you should buy and use is Armour's, because it is pure, finely ground and of first quality. There is no bone on the market today that will compare with it; and if you will give it a trial on your land, we confidently believe you will agree in what we say. Analysis: 4 to 5 per cent Ammonia, 24 per cent Phosphoric Acid, 48 per cent Bone Phosphate.

FISH AND BONE. Last year we sold great quantities of these goods. They gave much satisfaction to our trade. Analysis: 2 per cent Ammonia, 10 per cent Phos. Acid.

FINE GROUND DRIED FISH. This Fertilizing material is largely used in mixing Fertilizers. It contains a large percentage of Ammonia, and is quick in action.

FINE GROUND DRIED TANKAGE. Is used largely as a base in all Animal Fertilizers, and gives quick and fine results. Contains large percentage of Ammonia and Phosphoric Acid.

Prices on application.

BLOOD MEAL—FOR ROSES. It is well to remember that all plants require the proper amount of food if they are to do their best. We can recommend Blood Meal to be the very best for roses.

A tablespoonful to be sprinkled around the Rose Bush, about one inch away from the bush, every two weeks. It is also very valuable as a top dressing in the vegetable garden, flower garden, around house plants, trees and in hot houses. 1 lb. 15 cts.; 3 lbs. 40 cts.; 5 lbs. 60 cts.

STIM-PLANT

An All-the-Year Fertilizer for Garden and House Plants

Growers of fine flowers, shrubs and vegetables for the best markets and for exhibition, fertilize and stimulate them frequently, a little at a time. An excellent fertilizer for the purpose is **STIM-U-PLANT**, an odorless, highly concentrated plant-food, in tablet form, with guaranteed chemical analysis of 11 per cent Nitrogen, 12 per cent Phosphoric Acid, 15 per cent Potash. The proportions are accurate, there is no unnecessary filler, and in this form you are able to apply plant-food exactly when and where and as needed.

Make Your Garden a Wonder Garden

These tablets increase production, heighten color and improve quality. Many professional and amateur growers use them extensively all the year round—from early spring until late fall outdoors, during the winter for pot plants, hothouse benches, etc. They are equally good for evergreens and other trees as for a small fern, petunia or other potted plant.

STIM-U-PLANT TABLETS can be used in tablet form, or dissolved in water at the rate of one tablet to the quart. Complete directions with every package.

Order Stim-u-plant tablets with your seed and plant order. Price: 10 tablets for 15 cts.; 30 for 25 cts.; 100 for 75 cts.; 1,000 for \$3.50.

NITRATE OF SODA. For very early vegetables, and giving an early start to grass or grain, there is nothing to equal it.

SOUTH CAROLINA ROCK is used for Phosphoric Acid that it contains, and is valuable in mixing with other goods.

Insect Destroyers and Insecticides

Prices On All Insecticides Change Without Notice.

Poison Cannot Be Sent by Mail.



5 lbs. \$1.20; 10 lbs. \$2.15; 25 lbs. \$4.25; 50 lbs. \$8.00; 100 lbs. \$14.00; 300 lbs. \$35.00. Get price on larger quantities.

SPECIAL SULPHUR. This is pure sulphur treated by a special process to convert it into a very finely divided state in the form of paste, so it can be readily diluted with water and applied as a spray to coat fruit and foliage with a thin film of sulphur to prevent germination of fungous spores. It is recommended for the control of scab on peaches, brown rot on peaches, plums and cherries and cedar rust on apples. Directions: 5 to 7 lbs. to 50 gallons of water. 1-lb. pkg. 30 cts.; 5-lb. pkg. \$1.15; 10-lb. pkg. \$2.00; 25-lb. pkg. \$4.00; 50-lb. pkg. \$7.25; 100-lb. pkg. \$13.00.



\$2.00; 10 lbs. \$3.60; 25 lbs. \$8.00; 50 lbs. \$15.50; 100 lbs. \$30.00.

BORDEAUX MIXTURE (Dry Powdered). The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. Lb. 50 cts.; 5 lbs. \$1.85; 10 lbs. \$3.40; 25 lbs. \$7.65; 50 lbs. \$14.50; 100 lbs. \$27.00.

BORDEAUX—ARSENATE OF LEAD MIXTURE (Dry Powdered). A combined Fungicide and Insecticide. For Apple and Pear Trees, Potatoes, Melons and Cucumbers; also splendid for roses, keeping them free of mildew, black spot and insects of all sorts. Lb. 50 cts.; 5 lbs. \$2.25; 10 lbs. \$4.00; 25 lbs. \$9.00; 50 lbs. \$17.00; 100 lbs. \$33.

PYROX. An Insecticide and Fungicide. Apple growers swear by this; potato growers make larger crops by its use. It does not wash off as do other poisons. It guards against all chewing insects and prevents rots and blights. Lb. 40 cts.; 5 lbs. \$1.50; 10 lbs. \$2.50; 25 lbs. \$6.00; 50 lbs. \$10.50; 100 lbs. \$20.00.

WHALE OIL SOAP. Dissolved in water makes an excellent spray for scale on palms, etc. 1/4 lb. 10 cts.; 1/2-lb. pkg. 15 cts.; 1-lb. pkg. 35 cts.; 5 lbs. \$1.50; 10 lbs. \$2.40.

PARIS GREEN. 1/4 lb. 20 cts.; 1/2 lb. 35 cts.; lb. 60 cts.; 2 lbs. \$1.20.

TUBER TONIC. Unexcelled for potatoes. Lb. 40 cts.; 5 lbs. \$2.00.

LIME AND SULPHUR (B. T. S. Dry Powder). This preparation is scientifically prepared and is widely recommended, and known as the best preparation for San Jose Scale, Oyster Shell Scale, etc. Lb. 35 cts.;

HAMMOND'S SLUG SHOT. Well known remedy for Tobacco Bugs. 5 lbs. 55 cts.

TOBACCO DUST. Fatal to green and black fly and similar garden pests, by simply dusting over the plants. If dug around the roots will keep away all pests below ground and insure health to the plants. 10 cts. per lb.; \$4.00 per 100 lbs.

ARSENATE OF LEAD (Dry Powdered). Is produced under a new process. Contains at least 33 per cent arsenic. Superior to paste arsenate, stands suspension longer, and has more covering capacity. Lb. 50 cts.; 5 lbs.

GRAFTING WAX. Used for grafting trees and other plants. 1/4 lb. 15 cts.; 1/2 lb. 20 cts.; lb. 30 cts.

FLOUR AND FLOWERS OF SULPHUR. Per lb. 10 cts.; 10 lbs. 60 cts.; 25 lbs. \$1.25; 100 lbs. \$4.00.

"Black Leaf 40"

Nicotine Sulphur—40 per cent Nicotine.

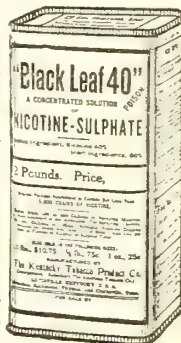
This is the insecticide that is so highly recommended by Experiment Stations. It destroys Aphids (plant lice), Thrips, Leaf-hoppers on all tree, bush and vine fruits, vegetables, field crops, flowers and shrubs; also Apple Red Bug, Pear Psylla and similar soft-bodied sucking insects—all without injury to foliage.

It may be combined with other sprays. Highly concentrated. Soluble in water—easy to mix—does not clog nozzles.

You cannot go wrong by ordering "Black Leaf 40" for sucking insects.

Prices:

1 oz. \$.25—5 gallons spray.
1/2 lb. 1.25—40 to 120 gals.
2 lbs. 3.75—160 to 500 gals.
10 lbs. 15.50—800 to 1250 gals.



WEED KILLER is especially adapted for destroying weeds in walks, dirt tennis courts, golf links, etc., or any other place where the killing of all vegetation is desired. It is successful against all kinds of weeds and grass, including milkweed, witchgrass, wild morning glory, dandelions, poison ivy, sumach, etc. One application will kill roots and foliage in 48 hours and no more weeds will grow until more seed is sown. 1-lb. pkg. 50 cts., mailing weight, 2 lbs.; 5-lb. pkg. \$2.00, mailing weight 6 lbs. Special prices on bulk lots to large estates, cemeteries, etc.

CUT WORM KILLER. One of the necessities of the market and home gardener. Cut Worms do so much damage each year that it amounts to more than a million dollars. 1-lb. Sprinkler Top boxes, 30 cts.; 5-lb. Tin Cans, containing Sprinkler Top box, \$1.25 each; 25-lb. Drums, containing Sprinkler Top box, \$5.00.

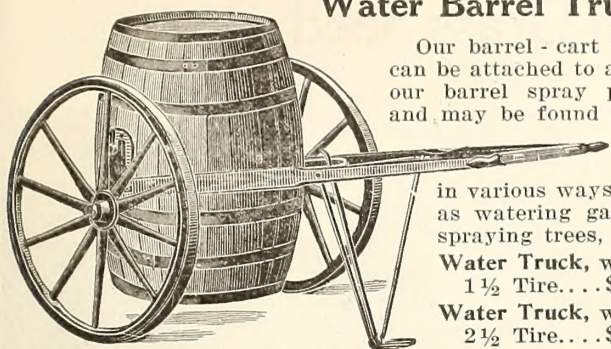
RAT KILLER. If we could but realize the destruction caused by rats and mice in each year, it would amount to such an enormous amount that we would at once begin to kill these pests. Millions of dollars would not cover it. Now with the paste we offer you can rid your place of both of these vermin. Box, 25 cts.

SHEEP DIP. For Ticks, Lice and Scab. This is a coal tar creosote dip. It is a concentrated fluid for preparing an effective and economical dip for ridding sheep of ticks, lice and scab; also kills certain fleas, lice and gnats on horses, cattle and hogs. One gallon makes 56 gallons of strong dip by mixing with water. 1-qt. can, 75 cts., mailing weight 4 lbs.; 1/2-gal. can, \$1.25, mailing weight 7 lbs.; 1-gal. can, \$2.00, mailing weight 11 lbs.; 5-gal. jacket cans, \$9.00.

SO-BOS-SO. Use it and milk in comfort—the stuff that keeps off the fly and mosquito. Few things there are that do as much to relieve the farm animals as this. It saves feed, helps cows to produce more milk and at the same time saves the nerves of the milkers. We recommend this preparation highly. Price: 1 qt. 50 cts.; 1/2 gal. 75 cts.; gallon, \$1.50.



Water Barrel Trucks



Our barrel - cart which can be attached to any of our barrel spray pumps and may be found useful

in various ways, such as watering gardens, spraying trees, etc.

Water Truck, with 1½ Tire...\$13.00

Water Truck, with 2½ Tire...\$13.60

Water Truck as used with Barrel. Barrel, extra... 4.50

Spray Pumps

BRASS BUCKET PUMP ATTACHMENT, ETC., with 8 feet of ¾-inch Discharge Hose and Seneca Spray Nozzle. Price, \$5.50.

"POMONA" SPRAY PUMP with Agitator. All working parts bronze. No leather packing. All valves are brass; is easily accessible; wing guided on leveled seats ground to fit. Air chamber steel. Lever long

and powerful, with adjustable stroke, 3, 4 or 5-inch. Solid brass plunger, machine-turned, fitting gland accurately. Pump is held securely by adjustable clamp plate, made to fit either end or side of barrel, and by a small anchor located at bottom of barrel. The mechanical agitator is operated by stroke of the handle. Directions sent with each pump.



"Pomona" Spray Pump.

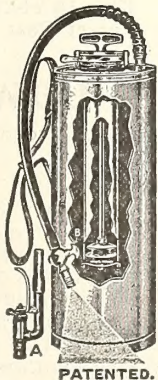
"FRUITALL" SPRAY PUMP. With Agitator. All working parts bronze. "Fruitall" Spray Pump is made on the same general lines as our famous "Pomona." It is, however, lighter and of smaller capacity. All working parts, including plunger, gland, valves, valve seats and strainer, are of bronze. Regularly fitted with wing agitator, similar to one used on the "Pomona," and which has proven to be the best type. Pump is held in barrel by anchor at bottom and adjustable clamp at top, fitting over end of stave. Not made for side of barrel.

Pomona Spray Pumps, complete with hose, barrel and nozzles.....\$30.00

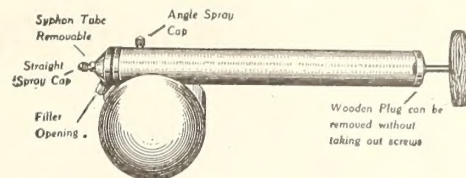
Fruitall Spray Pumps, complete with hose, barrel and nozzles..... 22.00

If wanted without barrel, take from above prices..... 5.00

THE AUTO SPRAY. Eight to ten strokes of the plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. The "Auto Pop" is an automatic valve which is closed by the air pressure used to operate the "Auto Spray." In operation a lever is moved by simply closing the hand, thus opening the valve and allowing an instantaneous discharge of spray. Price, Galvanized Iron Reservoir, \$6.00; with Auto Pop, \$6.50; Solid Brass Reservoir, \$9.00; with Auto Pop, \$9.50. Extension Rods, 2-foot lengths, 50 cts.



PATENTED.



TIN SPRAYERS. Every one who raises chickens knows how important it is to keep out vermin. Use a spray and the work is done. The illustration is of a spray that will do the work well and cheap. Price, 50 cts.

BRASS AUTOMATIC SPRAYERS. 1-qt., galvanized iron, \$1.00; 1-qt., brass, \$1.35; 2 qts. brass, \$1.75.

BRASS-LINED BAMBOO EXTENSION RODS, without Cocks. Price, 8 ft., \$4.25; 10 ft., \$5.25.

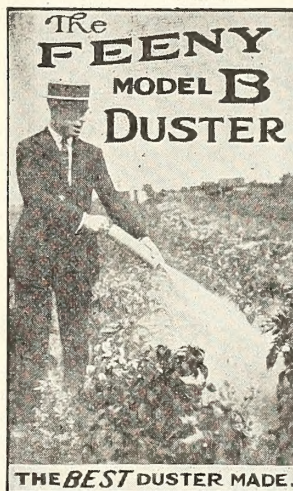
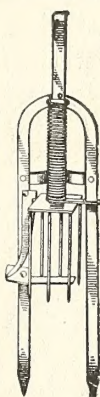
THE MISTY JR. SPRAY NOZZLE. Price, 75 cts. Shut-Off Cock, \$1.50.

We carry a large assortment of repair parts for Spray Pumps and Attachments.

Mole Traps

The Mole causes great loss and annoyance to the growers and market gardeners. One Mole can cause the loss of an entire seed bed in a few hours. One Mole Trap will catch and destroy them. We guarantee them to work satisfactorily.

Price, 75 cts. each.



FEENEY'S MODEL B DUSTER. Every garden should be provided with either a bellows or a duster for dusting dry powders to destroy Bugs and Fungus growths. In the Feeney's Dust Powder Duster we have found one that is far superior to the bellows in that it makes a much finer dust and spreads the same more evenly and does the work with less effort on the part of the operator. We endorse this Duster believing that in doing it we are giving our trade something that will give them satisfaction.

Price, 90 cts.

TREE TANGLEFOOT. For protecting trees against climbing insect pests in a simple economi-

cal and effective way. Tree Tanglefoot, sticky substance applied directly to the bark of the tree. One application remains sticky on the trees for 3 months fully exposed to the weather. It is easily applied with a small wooden paddle. One pound will spread 8 feet long by 5 inches wide, 1-16 inch thick. Prices: 1-lb. can, 50 cts.; 5-lb. can, \$2.25; 10-lb. can, \$4.25; 20 lbs. \$8.50; 25 lbs. \$10.00.



ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Capitol Park Lawn Grass Seed

IT NEVER FAILS TO GIVE SATISFACTION

A lawn may be made in two ways, by sodding or by sowing seed. Sodding is not only very expensive but unsatisfactory as well. Sodds are ordinarily taken from the pasture or along the roadside and almost invariably contain weed seeds and coarse tufty grasses which make their appearance after the lawn is made. Seeding is not only cheaper but is attended with better results. The most important thing to consider in selecting seed for lawn grass is to obtain a proper mixture of several varieties. Each variety is at its best during a certain part of the season. By properly choosing early, medium and late grasses, a smooth, even, green lawn is assured from early spring to late autumn.

With these facts in mind, our Capitol Park Lawn Grass Seed is scientifically combined. Our experience of many years has given us an intimate knowledge of grasses, their habits and requirements. In our Capitol Park Green Lawn Grass Seed are included only the very best varieties—pure, clean and free from fowl seeds.

This grass seed has helped make Washington the beau-



One pound of BOLGIANO & CO.'S RECLEANED LAWN GRASS SEED will go as far as 4 quarts of grass seed sold by the measure.

tiful city that it is. Planted in front of the new District Building, our seed produced a lawn in twenty-eight days from day of planting the seed.

Pkt. 10 cts.; lb. 40 cts.; 25 lbs. \$9.50.

Parcel Post Rate, page 2. Prices not postpaid.

Shady Nook Lawn Grass

THE GRASS THAT WILL GROW IN SHADY PLACES

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade.

The fame of this splendid mixture is second only to that of the Capitol Park Mixture.

A trial of this wonderful seed never fails to make a fast friend. By sowing it in the shady spots and our **CAPITOL PARK GRASS SEED** in the sunny lawns your dreams of a fair velvety green will be quickly realized.

Pkt. 10 cts.; lb. 35 cts.; 25 lbs. \$8.00.

Parcel Post Rate, page 2. Prices not postpaid.

The "Ideal" Power Lawn Mower

Shown above at work in the Botanical Gardens at Washington.

For Public and Private Grounds

Ideal Mowers insure velvety lawns the clean, sure, easy way. Lawns are kept in perfect condition—the work is done quickly and easily by one man and at a minimum expense.

The mower can be guided closely around flower beds, trees and walks. The roller levels all unsightly bumps, and does not mar the lawn with hoof-prints or mutilate the shrubbery, as is the case with horse-drawn mowers.

Ideal Mowers are a money-saving investment. They do away with several men and horses, and consume gas and oil only while working.

For Golf Grounds

Maximum enjoyment of golf calls for smooth, close-cropped putting greens and a neat, trim fairway.

For keeping golf courses in prime condition, the Ideal Power Lawn Mower has no equal—the fairway is cut with the regular 30-inch cutting blade—while the putting greens are kept in trim with a 22-inch cutting unit designed especially for this purpose.

One man and an "Ideal" can in one day mow all the putting greens of an 18-hole course—and do it better than by any other method.

Price: Ideal, 30-inch Cut. \$325.00
Ideal Jr., 22-inch Cut. 210.00

BOLGIANO'S
MAMMOTH
COSMOS
Pkt. 10c.

"Say it with flowers"

BOLGIANO'S
DWARF BONFIRE
SCARLET SAGE
Pkt. 10c.

BOLGIANO'S
JAPANESE
MORNING GLORY
Pkt. 10c.

BOLGIANO'S
ORCHID FLOWERED
SWEET PEAS
COUNTESS SPENCER
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12-10c PACKAGES
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*Affording continuous blooms
all Spring, Summer and Fall*

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GIANT FLOWERED
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PERFECTION
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BOLGIANO'S SWEET ALYSSUM
LITTLE GEM. Pkt. 10c.

BOLGIANO'S GIANT ZINNIAS
Pkt. 10c.

BOLGIANO'S MAGNIFICENT FINEST
MIXED GIANT SHOW PANSIES. Pkt. 10c.

BOLGIANO'S
"GARDEN BEAUTY"
RADISH
1/4 Lb. 45c.,
Lb. \$1.50

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OF
"Seed that Succeed"

ALL CHOICE SELECTIONS
OF PEDIGREE STOCKS

1/2 PT. EARLY HARVESTER SUGAR CORN	\$.20
1/2 PT. BOLGIANO'S STRINGLESS GREEN POD BEANS	.20
1 PT. GRADUS OR PROSPERITY PEAS	.35
1 OZ. BOLGIANO'S "GARDEN BEAUTY" RADISH	.15
1 OZ. BOLGIANO'S SELECTED BIG BOSTON LETTUCE	.15
1 PKT. BOLGIANO'S CAPITOL TOMATO	.25
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"STRINGLESS"
GREEN POD BEANS
Pt. 30c Qt. 50c
Pk. \$2.50 Bu. \$9.00

BOLGIANO'S
EARLY HARVESTER
SUGAR CORN
Pt. 30c Qt. 50c
Pk. \$2.90 Bu. \$10.50

BOLGIANO'S
SPECIAL BIG
BOSTON LETTUCE
1/4 Lb. 45c., Lb. \$1.50

BOLGIANO'S
CAPITOL TOMATO
Oz. \$2.25 1/4 Lb. \$7.
Lb. \$25.00

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